

# Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XIV.

WASHINGTON, D. C., MAY 26, 1899.

No. 21.

## UNITED STATES.

### *Report on the detention of troops at South Atlantic Quarantine.*

As stated in PUBLIC HEALTH REPORTS for the 19th instant, all troops returning from Cuba during March were required to have their baggage disinfected previous to landing in the United States; and during April all troops, in addition, underwent a five days detention. Among the stations where disinfection and detention were enforced was South Atlantic Quarantine, of which Asst. Surg. Taliaferro Clark was in command. His report follows.

#### SOUTH ATLANTIC QUARANTINE STATION, *May 16, 1899.*

SIR: As directed by Bureau letter, May 12, 1899 (P. M. C.), I beg to report as follows, concerning operations under orders in connection with troops returning from Cuba:

March 6, 1899, the following telegraphic orders were received:

All baggage and effects of soldiers from Havana and Cienfuegos must be disinfected prior to vessel's entry. This regulation takes effect at once. Soldiers' baggage and effects, from all Cuban ports, must be disinfected after March 15, by direction of the Secretary of the Treasury.

WYMAN,  
*Surgeon-General.*

In compliance with the above directions, the baggage and effects of the First Maine Volunteers, arriving at this port March 11, 1899, on board United States transport *Michigan*, from Havana, were disinfected. Six hundred and sixty-eight soldiers and 20 stowaways were disinfected in the following manner: The men were taken off the vessel in detachments, stripped, and their clothing, rolls, and dog tents disinfected by steam, and the men isolated on the island. After com-

pletion of the disinfection of the personal effects, their baggage was disinfected. All fabrics were disinfected by steam; relics and containers by formol. The stowaways were vaccinated. Vessel given pratique March 14, 1899. On March 22, 1899, the following telegram was received:

Not deemed necessary to disinfect clothing actually being worn by soldiers, unless individual cases should be deemed suspicious, but fabrics in knapsacks should be looked after.

WYMAN.

On April 3, 1899, the United States transport *Sedgwick* arrived from Santiago de Cuba, via Guantanamo, remanded from Savannah, having on board the Third Volunteer Infantry, 818 officers and men, baggage and personal effects disinfected as in case of the *Michigan*, with the exception of clothing actually worn. As fast as disinfected, the various companies were isolated on the island, tents having been erected for their accommodation by the Quartermaster's Department. The vessel was fumigated, soldiers reembarked, and vessel remanded to Savannah quarantine, April 7, 1899.

The United States transport *Dixie*, from Casilda, Cuba, via Savannah, Ga., arrived April 3, 1899, with the Fourth Tennessee Volunteer Infantry, 1,135 soldiers and 44 officers; 1 death on voyage, and 2 suspicious cases reported from Savannah. After a careful examination by Assistant Surgeon Von Ezdorf and myself of all the sick on board, nothing suspicious was found, one of the cases in question (intermittent malarial fever) reporting for duty on the third day; the other case proved to be malarial hæmaturia. As soon as disinfection of troops on *Sedgwick* was completed, the personal effects of 600 men aboard the *Dixie* having been disinfected, the vessel was ordered by Colonel Bellinger, Quartermaster's Department, to proceed to Savannah quarantine. This action was taken because Blackbeard Island was thought to be an unsuitable place for the encampment of large bodies of troops. The ocean beach was not inspected for the purpose of locating a camp. The *Dixie* left April 6, 1899, without certificate. In addition to this work, 7 transports, with an aggregate crew of 755, were remanded to this station from Savannah, Ga., for disinfection before departing for Cuba. These vessels were disinfected according to the regulations of the United States Marine-Hospital Service, and upon its completion they were remanded to Savannah quarantine. One exception was made, in case of the *Kilpatrick*, her condition on arrival being so unsanitary said vessel was detained five days after disinfection at this station, upon the recommendation of your representative, approved by the Bureau.

Respectfully, yours,

TALIAFERRO CLARK,

*Assistant Surgeon, U. S. M. H. S., in Temporary Command.*

*Consular reports on yellow fever to be furnished from towns on the Pacific coast of Central and South America.*

To render more effective the work of medical officers of the Marine-Hospital Service detailed in the fruit ports on the Atlantic coast of Central America, information is necessary concerning the health of certain cities on the Pacific coast, it being possible for passengers to leave the Pacific coast, cross the Isthmus, and take passage on the Atlantic coast within the period of incubation of yellow fever. The

following letter was, therefore, addressed by the Secretary of the Treasury to the Secretary of State :

TREASURY DEPARTMENT,  
*Washington, D. C., May 16, 1899.*

SIR: I am informed by the Surgeon-General of the Marine-Hospital Service that, on account of the fruit traffic to the United States from ports on the Atlantic coast of Central America, it is necessary that he should be informed as to the prevalence or nonprevalence of yellow fever in certain cities located on or near the Pacific coast of Central America, since passengers cross the Isthmus from the Pacific coast to take immediate shipment from an Atlantic port to the United States.

I have, therefore, to request that a letter be addressed to the consuls or consular agents at each of the following-named places, requesting them to forward to the Surgeon-General of the Marine-Hospital Service a statement as to the prevalence or nonprevalence of yellow fever in their respective cities or the surrounding territory, said reports to be transmitted twice each month until November 1.

The ports referred to are as follows: San Jose, Guatemala; Leon and Managua, Nicaragua; Alajuela, Costa Rica; Panama, Barranquilla, and Cartagena, Colombia; Guayaquil, Ecuador.

Respectfully, yours,  
The honorable the SECRETARY OF STATE.

L. J. GAGE, *Secretary.*

The following reply has been received from the Secretary of State :

DEPARTMENT OF STATE,  
*Washington, D. C., May 20, 1899.*

SIR: Referring to your letter of the 16th instant asking that certain consular officers in Central and South America be instructed to report twice a month, until November 1, to the Supervising Surgeon-General, Marine-Hospital Service, in regard to the existence or nonexistence of yellow fever in their respective districts, I have the honor, by direction of the Secretary of State, to inform you that suitable instructions have been sent to our consular officers at San Jose, Guatemala; Acajutla, San Salvador, El Triunfo, La Libertad, and La Union, Salvador; Amapala, Honduras; Managua, Corinto, and San Juan del Sur, Nicaragua; Punta Arenas, Costa Rica; Panama, Cartagena, and Barranquilla, Colombia; and Guayaquil, Ecuador.

We have no consular representatives at Leon, Nicaragua, and Alajuela, Costa Rica.  
I have the honor to be, sir, your obedient servant,

THOS. W. CRIDLER,  
*Third Assistant Secretary.*

The honorable the SECRETARY OF THE TREASURY.

*Rules for the transportation of dead bodies in Minnesota.*

A letter was addressed to each State board of health on August 24, 1898, requesting a copy of the laws and regulations governing the transmission of dead bodies in that State. This letter, and the replies received, were published in PUBLIC HEALTH REPORTS for September, 1898. A copy of the Minnesota rules was sent according to request by the secretary of the State board, but failed to reach this Bureau, and a duplicate copy has just been received. These rules correspond with the National rules, an abstract of which was published in PUBLIC HEALTH REPORTS for September 9, 1898, page 971, under the heading of Illinois. Within the State, however, owing to its climate, it has been decided that the time that may elapse after death, before a body reaches its destination, may be forty-eight hours from April 1 to October 1, and seventy-two hours from October 1 to April 1. Permits for the shipment of all dead bodies must be obtained from the State board of health or certain designated local boards, and a record is kept of all permits granted for bodies dead of contagious or infectious diseases.

*Sanitary reports from the Mexican border.*

*Laredo, Tex.*—Acting Assistant Surgeon Hamilton reports May 11 as follows: On the morning of May 10 a passenger on the through Mexican train took oath that neither he nor his baggage had been in an infected port for the past ten days. I found a trunk that had been stamped at Vera Cruz on May 6, 1899, and when he claimed trunk I told him that he would have to return to Mexico, and have baggage disinfected. He at first wished to go on, but could offer no proof, except his own statement that he had not been in Vera Cruz on the above date, so he returned and I disinfected his baggage and personal effects by the sprinkling method, and will not allow him to enter until specified time. I hold the trunk on the American side of the boundary. If it had not been for the Vera Cruz stamp on this man's trunk he would have entered. I believe he took a false oath, at least as regards his baggage, but prosecution would tend to warn others, and they would remove label from trunks after leaving Vera Cruz, and in that way prevent detection. The baggage from Tampico is not labeled nor dated, therefore can not be detected in that way. I will disinfect all baggage from Vera Cruz that has left there after quarantine season unless person can prove that baggage was disinfected sometime after leaving there, regardless of the time person has left said port. If I am not right in so doing, please send me instructions as to the time baggage is safe after leaving an infected port like Vera Cruz. The person himself might be considered safe after five or ten days. The State of Texas requires ten days.

Acting Assistant Surgeon Hamilton reports, May 17, as follows:

I continue to inspect all incoming passenger trains from Mexico.

May 10. Refused entry to 1 man from Progreso, Mexico, via Vera Cruz, three days out from Vera Cruz. I disinfected his baggage by the sprinkling method, he returned to Mexico, and his baggage, after disinfection, was forwarded to St. Louis, Mo.

May 13. Refused entry to 1 lady, two days out from Tampico, destination New Orleans, La. I have disinfected her baggage and she is still in quarantine at Nuevo Laredo, Mexico.

May 14. Refused entry to 1 man, four days from Tampico, who is still in quarantine at Nuevo Laredo, Mexico. As the Mexican authorities are very irregular about running their steam disinfector, I am disinfecting most of the baggage at the State disinfecting house by the sprinkling method, with formalin. The physician sent by the State of Texas to investigate the condition and extent of yellow fever at Monterey, Tampico, and Vera Cruz, did not visit Tampico nor Vera Cruz, but reports no yellow fever at Monterey, Mexico, but some smallpox, some yellow fever at Tampico, and a good deal at Vera Cruz. Conditions at Monterey favorable for an epidemic if yellow fever is introduced there. I understand the federal sanitary board of Mexico is taking some steps to prevent the introduction of yellow fever into Monterey from Tampico. As soon as I learn full particulars I will inform you what they have done, or propose to do.

I inclose mortality report of Nuevo Laredo, Mexico, for the week ended May 13. You will notice 1 death from smallpox. The city physician of Nuevo Laredo informed me that he had 2 new cases for the above week, showing smallpox still existing there, for which reason I wish to continue the quarantine guards at the foot bridge and ferry. The smallpox report for Laredo, Tex., is 2 cases. No deaths for the week ended May 13.

Report of inspectors at international foot bridge for the week ended May 13, 1899: Vaccinated, 13; deported immigrant mendicants, 3; examined and passed without vaccination, 3,510; total examined, 3,526; total number persons crossing bridge for week reported, 6,332, not including children under 8 years. Number of passengers entered on Mexican National Railroad for week ended May 13: Monterey, 72; San Luis Potosi, 13; City of Mexico, 50; total from all places, 230. I mention Monterey, San Luis Potosi, and City of Mexico separately as they have direct railroad communication with Tampico or Vera Cruz. Passengers can reach Laredo, Tex., from Vera Cruz by railroad in forty-eight hours, according to time card furnished me by Mexican National Railroad Company.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

*Cerebro-spinal meningitis—Abstract of replies received to circular requesting information.*

[Continued from last PUBLIC HEALTH REPORTS.]

VIRGINIA—*Alexandria.*—From October 1, 1898, to May 20, 1899, 20 cases and 10 deaths have been reported.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to May 26, 1899.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Antauga County.....	Feb. 24.....			Smallpox reported.
Calvert.....	Dec. 10-Jan. 20....	10		
Catherina.....	Jan. 6.....			Do.
Clarke County.....	Dec. 25-Jan. 20....		2	Several cases.
Clay County.....	Jan. 27.....			Smallpox reported.
Collerine.....	Jan. 6.....	1		
Dallas County.....	Jan. 27.....			Do.
Green County.....	.....do.....			Do.
Hale County.....	.....do.....			Do.
Lowndes County.....	.....do.....			Do.
Marengo County.....	.....do.....			Do.
Mobile.....	Jan. 2-May 12....	32		
Montgomery County.....	Feb. 24.....			Do.
Randolph County.....	Jan. 27.....			Do.
Southside.....	Jan. 6.....	96		
Tallapoosa County.....	Apr. 14.....			Smallpox prevalent.
Washington County.....	Jan. 27.....			Do.
Wilcox County.....	.....do.....			Do.
Total for the State.....		139	2	Officially reported.
<b>Arkansas:</b>				
Pulaski County.....	Jan. 27-Mar. 1....	8	1	
<b>California:</b>				
Los Angeles.....	Sept. -May 13....	90	14	
Sacramento City.....	.....do.....	1		
San Diego.....	Feb. 19.....	1	1	
San Francisco.....	Jan. 31.....	2		
Total for the State.....		94	15	Do.
<b>Colorado:</b>				
Arapahoe County.....	Nov. 25-Mar. 31....	38	5	
El Paso County.....	Jan. 31.....	2		
Fremont County.....	Dec. 1-Jan. 31....	24		
Los Animas County.....	Jan. 31.....	12		
Pueblo County.....	Dec. 17-Jan. 31....	60	4	
Total for the State.....		136	9	Do.

*Smallpox in the United States, etc.—Continued.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Connecticut:</b>				
New Haven.....	Jan. 16.....	2		
<b>District of Columbia:</b>				
Washington.....	Jan. 21-May 15....	85	0	
<b>Florida:</b>				
Columbia County.....	Mar. 1-Mar. 31....	4		Smallpox prevalent; death rate 6-7 per cent.
Jackson County.....	.....do.....			
Marion County.....	.....do.....	102		Smallpox prevalent.
Polk County.....	.....do.....			
St. Johns County.....	Feb. 1-Mar. 31....	64	0	
Suwanee County.....	Mar. 1-Mar. 31....	4		
Jacksonville.....	Feb. 12-May 8.....	29		
Key West.....	Feb. 25-Mar. 30....	9		
Pensacola.....	Jan. 14-Mar. 31....	2		
West Tampa, Hillsboro Co....	Apr. 9-Apr. 15....	2		
<b>Total for the State.....</b>		<b>216</b>	<b>0</b>	<b>Officially reported.</b>
<b>Georgia:</b>				
Brunswick.....	May 16.....	1		
Jones County.....	Jan. 1-Jan. 16....	300		
Savannah.....	Feb. 22-May 9....	18	0	
<b>Total for the State.....</b>		<b>319</b>	<b>0</b>	<b>Do.</b>
<b>Illinois:</b>				
Bethel.....	Jan. 7.....	2		
Biggsville, Henderson Co....	Mar. 7.....	1		
Calro.....	Feb. 23-Mar. 7....	26		
Chicago.....	Mar. 10-May 9....	10	0	
Dana, La Salle County.....	Mar. 7.....	1		
Media.....	Jan. 7.....	1		
Monmouth, Warren County....	Feb. 23.....	4		
Murphysboro, Jackson Co....	Mar. 7.....	2		
<b>Total for the State.....</b>		<b>47</b>		<b>Do.</b>
<b>Indiana:</b>				
Clark County.....	Mar. 1.....			Smallpox reported.
Dana.....	Feb. 8.....	1		
Davies County.....	Mar. 1.....			Do.
Evansville.....	Apr. 30-May 20....	21		
Floyd County.....	Jan. 1-Mar. 30....	5	0	Do.
Greene County.....	.....do.....	6	0	Do.
Jefferson County.....	Mar. 1.....			Do.
Jackson County.....	Feb. 24.....	4		
Jennings County.....	Jan. 1-Mar. 30....	4	0	
Marion County.....	.....do.....	16	0	
New Albany.....	Apr. 22.....	2		
Sullivan County.....	.....do.....	5	0	
Vanderburg County.....	Jan. 1-Mar. 30....	20	1	
Vermillion County.....	.....do.....	3	0	
<b>Total for the State.....</b>		<b>87</b>	<b>1</b>	<b>Officially reported.</b>
<b>Indian Territory.....</b>	Mar. 4.....		<b>45</b>	
<b>Iowa:</b>				
Jones County.....	Apr. 13.....	5	1	
Lee County.....	Jan. 13.....	7	1	
Wayne County.....	.....do.....	1		
<b>Kansas:</b>				
Atchison County.....	Mar. 16.....	21		Smallpox reported
City of Garnett.....	May 6-May 13....	6	1	
Emporia.....	.....do.....	1		
Independence County.....	Mar. 16.....			
Kansas City.....	May 6-May 13....	54	8	
Lenora.....	May 12.....	1		
Marion County.....	Jan. 17.....	11		
Peabody.....	Feb. 1-Feb. 16....	56	7	
Sumner County.....	Mar. 20.....	2		
<b>Kentucky:</b>				
Lebanon Junction.....	Apr. 19.....	8		
Louisville.....	Dec. 20-May 18....	456	7	
<b>Louisiana:</b>				
Alexandria.....	Mar. 29.....	9		
New Orleans.....	Jan. 30-May 15....	206	3	
Shreveport.....	Apr. 22-May 20....	3	1	

## Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Maine:</b>				
Auburn.....	Jan. 1-Apr. 7....	3		
Augusta.....	.....do.....	1		
Lewiston.....	.....do.....	4		
Waterville.....	.....do.....	49		
Winslow.....	.....do.....	108		
Total for the State.....		165		Officially reported.
<b>Maryland:</b>				
Baltimore.....	Jan. 18-May 6....	19		
Cumberland.....	.....do.....	3		
Pocomoke.....	.....do.....	3		
Steelton.....	May 17.....	4		
<b>Massachusetts:</b>				
Boston.....	Feb. 28-May 3....	8	1	
Swampscott.....	May 20.....	1		
<b>Michigan:</b>				
Albion.....	Feb. 15-Feb. 22..			Smallpox reported.
Benton Harbor.....	.....do.....			Do.
Detroit.....	Jan. 1-Feb. 4....	14		
Kalamazoo.....	Mar. 12-Apr. 8....	8	1	
<b>Minnesota:</b>				
Austin.....	May 13.....	1		
Brainerd.....	Apr. 16-Apr. 22..	1		
Minneapolis.....	Dec. 8-Apr. 15....	3	0	
St. Paul.....	Feb. 18-May 13....	18	0	
<b>Mississippi:</b>				
Clay County.....	Jan. 27.....			Do.
Hinds County.....	Mar. 3.....			Do.
Jackson County.....	Mar. 26-Apr. 14..	6		
Jones County.....	Jan. 27.....			Do.
Lauderdale County.....	.....do.....			Do.
Noxubee County.....	.....do.....			Do.
Perry County.....	Jan. 27-Mar. 12..	17	3	
Tishomingo County.....	Jan. 27.....			Do.
<b>Missouri:</b>				
Carroll County.....	Nov. 1-Apr. 6....	59	15	
Charlton County.....	.....do.....	1	0	
De Kalb County.....	.....do.....	3	0	
Macon County.....	.....do.....	1	0	
Mississippi County.....	.....do.....	1	0	
St. Louis.....	.....do.....	25	2	
Total for the State.....		90	17	Officially reported.
<b>Montana:</b>				
Missoula.....	Feb. 23-Mar. 9....	2		
<b>Nebraska:</b>				
Nebraska City.....	July 1-Dec. 8....	153		
	Dec. 9-Jan. 16....	147	3	
Omaha.....	Jan. 1-Apr. 15....	36		
Otoe and Nemaha Counties.....	Jan. 1-Jan. 16....	21		
Peru.....	Jan. 2.....	5		
Plattsmouth.....	Dec. 10.....	1		
Tecumseh.....	Jan. 2.....	9		
Total for the State.....		372	3	Do.
<b>New Jersey:</b>				
Jersey City.....	Dec. 5-Jan. 22....	6		
<b>New York:</b>				
Buffalo.....	Mar. 15-Apr. 26....	3		
Elmira.....	Mar. 18-Apr. 22..	2		
Kingston.....	Mar.....	1		
New York.....	Jan. 7-May 6....	13	4	
Dunkirk.....	Jan. 8-Jan. 21....	5		
Tonawanda.....	Mar.....	2		
<b>North Carolina:</b>				
Alamance County.....	Feb. 1-Feb. 28....	3		
Beaufort Co. (Washington).....	Apr. 8.....	2		
Bertie County.....	Feb. 1-Mar. 28....	8		
Burlington, Franklin County.....	Mar. 1.....	3	1	
Chowan County.....	Feb. 16.....	2		
Columbus County.....	Feb. 1-Feb. 28....	3		
Craven County.....	Apr. 6.....	1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Currituck County.....	Feb. 1-Feb. 23....	2		
Edgecombe County.....	Feb. 1.....	24		
Gates County.....	do.....	1		
Halifax County.....	Feb. 1-Feb. 23....	8		
Johnston County.....	do.....	1		
Northampton County.....	Jan. 12-Feb. 23....	6		
McDowell County.....	Feb. 1-Feb. 23....	2		
Pasquotank County.....	do.....	15		
Perquimans County.....	do.....	1		
Wake County.....	do.....	1		
Wilmington.....	Feb. 3.....	1		
Wilson County.....	Feb. 1-Feb. 23....	1		
<b>Total for the State.....</b>		<b>85</b>	<b>1</b>	<b>Officially reported.</b>
<b>Ohio:</b>				
Bainbridge Twp., Geauga Co.....	Jan. 1-Apr. 6....	1		
Brooklyn.....	Feb. 7-Feb. 27....	1		
Cannelsville.....	Jan. 1-Apr. 6....	1	1	
Chagrin Falls.....	do.....	3		
Cincinnati.....	Jan. 23-May 5....	338	10	
Cleveland.....	Dec. 25-May 18....	180	2	
Cleves.....	Jan. 1-Apr. 6....	7		
Columbus.....	Feb. 7-Apr. 6....	155	2	
Coshocton.....	Jan. 1-Apr. 6....	2		
Dialton.....	Feb. 7-Apr. 6....	1		
Donnelsville.....	do.....	1		
Franklin.....	Apr. 6.....	6		
Fredericksburg.....	do.....	1		
Gallipolis.....	Apr. 6.....	3		
Girls' Industrial Home.....	Jan. 1-Apr. 6....	2		
Granville.....	do.....	1		
Harrison Twp., Perry Co.....	do.....	2		
Howard.....	do.....	2		
Lafayette Twp., Coshocton Co.....	do.....	8		
Lookland.....	do.....	6		
Lorain.....	do.....	1		
Middlefield.....	do.....	1		
Newton Twp., Muskingum Co.....	do.....	14	1	
New Carlisle.....	Jan. 1-Apr. 6....	4		
Painesville.....	do.....	1		
Parma Twp., Cuyahago Co.....	do.....	1		
Plain City.....	do.....	1		
Pleasantville.....	do.....	1		
Ripley.....	do.....	4		
Roseville.....	do.....	1		
Sand Hill.....	do.....	8		
Sandusky.....	Feb. 7-Apr. 6....	26		
Selma.....	Jan. 1-Apr. 6....	1		
Shenandoah.....	Feb. 7-Apr. 6....	1		
South Charleston.....	do.....	2		
Springfield.....	do.....	1		
Springfield Twp., Clark Co.....	do.....	10		
St. Johns.....	Jan. 1-Apr. 6....	2		
Sunbury.....	Apr. 6.....	4		
Tippecanoe.....	Jan. 1-Apr. 6....	1		
Toledo.....	Feb. 7-Apr. 6....	2		
Wellington.....	do.....	1		
West Farmington.....	Jan. 1-Apr. 6....	1		
West Jefferson.....	do.....	1		
Willoughby.....	Feb. 7-Apr. 6....	1		
Xenia.....	Jan. 1-Apr. 6....	3		
Zanesville.....	do.....	1		
<b>Total for the State.....</b>		<b>815</b>	<b>16</b>	<b>Do.</b>
<b>Oklahoma:</b>				
Chandler.....	Dec. 30.....	1		
Doggett.....	do.....	1		
Lincoln County.....	Nov. 30-Jan. 30..	32	10	
Parkland.....	Dec. 30.....	1		
Sac and Fox Agency.....	do.....	2		
Stroud.....	do.....		3	
<b>Total for the State.....</b>		<b>37</b>	<b>13</b>	
<b>Pennsylvania:</b>				
Allegheny County.....	Feb. 11-May 13....	12		
Ball Hill.....	Dec. 31-Jan. 23....	1		
Beaver County.....	Mar. 12-Mar. 30....	1		
Bedford County.....	Dec. 31-Mar. 30....	21		
Blair County.....	Jan. 1-Apr. 22....	25		

## Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.	
<b>Pennsylvania—Continued.</b>					
Brumbaugh.....	Dec. 31—Mar. 30.....	2		Smallpox reported.	
Cambria County.....	Mar. 30—Apr. 22.....	13			
Charlesville.....	Dec. 31.....	15			
Claysburg.....	Dec. 31—Jan. 23.....	1			
East Vincent Township.....	Dec. 31.....	1			
Erie.....	May 2.....	1			
Everett.....	Dec. 31.....	3			
Fayette County.....	Mar. 12—Apr. 12.....	23			
Fulton County.....	Feb. 11—Mar. 11.....	1			
Homer City.....	Dec. 31.....	2			
Hopewell.....	do.....	3			
Huntingdon County.....	Feb. 11—Mar. 11.....	5			
Hustontown.....	Dec. 31.....	4			
Johnstown.....	May 15.....	1			
New Granada.....	Dec. 31.....	7			
Philadelphia.....	Dec. 31—May 20.....	31	13		
Pittsburg.....	Dec. 31—Apr. 23.....	7			
Pottstown.....	Feb. 5—Feb. 11.....	1			
Somerset County.....	Feb. 11—Apr. 12.....	50			
Steelton.....	Dec. 31—Feb. 5.....	11			
Waterfall.....	do.....	1			
Washington County.....	Mar. 30—Apr. 12.....	1			
<b>Total for the State</b> .....		<b>244</b>	<b>13</b>	<b>Officially reported.</b>	
<b>Porto Rico:</b>					
Ponce.....	Jan. 17—May 6.....	499	26		
San Juan.....	Mar. 6.....	3			
<b>Rhode Island:</b>					
Providence.....	Feb. 21—May 10.....	4			
<b>South Carolina:</b>					
Aiken County.....	Apr. 16.....	3			
Barnwell County.....	May 16.....	3			
Beaufort County.....	Apr. 16—May 16.....	5	0		
Clarendon County.....	do.....	4	0		
Edgefield County.....	Jan. 1—May 16.....	105	10		
Horry County.....	Mar. 1—Mar. 31.....	18	0		
Swinton County.....	Apr. 16.....	2			
<b>Total for the State</b> .....		<b>140</b>	<b>10</b>		
<b>Tennessee:</b>					
Dyersburg.....	Mar. 24.....	3			
Grover, Madison County.....	Feb. 18—Mar. 11.....	12			
Hardeman County.....	Mar. 1—Mar. 11.....	1			
Jackson.....	Feb. 18—Mar. 27.....	52			
Memphis.....	do.....	36			
Nashville.....	Apr. 29—May 6.....	1			
Pinson, Madison County.....	do.....	1			
Union City, Obion County.....	Mar. 3—Mar. 11.....	7			
<b>Total for the State</b> .....		<b>113</b>		<b>Do.</b>	
<b>Texas:</b>					
Alice, Nueces County.....	Feb. 20.....	20			
Brownsville.....	Jan. 7—Apr. 8.....	3			
Bryan.....	Jan. 29—Mar. 11.....	24			
Dallas.....	Feb. 1—Mar. 23.....	52	15		
Del Rio, Kinney County.....	Apr. 15.....	1			
El Paso.....	Aug. 1—Dec. 31.....	45		Year 1898.	
Fort Bliss.....	Jan. 1—Jan. 18.....	21			
Galveston.....	Mar. 12.....	1			
Galveston.....	Mar. 14—May 13.....	36	0		
Laredo.....	Jan. 1—Apr. 29.....	685	126		
San Rafael.....	Jan. 29.....	4			
Zapata County.....	Mar. 13.....	2			
<b>Total for the State</b> .....		<b>894</b>	<b>141</b>		<b>Officially reported.</b>
<b>Virginia:</b>					
Alexandria.....	Jan. 4—May 14.....	304	2		
Hampton.....	Feb. 15.....	6			
Lynchburg.....	Mar. 5—Mar. 11.....	1	1		
Newport News.....	Dec. 31—May 19.....	669	13		
Norfolk.....	Sept. 19—May 19.....	811	11		
Petersburg.....	Mar. 6—Mar. 12.....	1			
Portsmouth.....	Dec. 31—May 19.....	307	4		
Richmond.....	Jan. 25—Mar. 12.....	8			
<b>Total for the State</b> .....		<b>2,107</b>	<b>31</b>	<b>Do.</b>	

*Smallpox in the United States, etc.—Continued.*

Places.	Date.	Cases.	Deaths.	Remarks.
Washington :				
Spokane.....	Feb. 27-Apr. 30.....	5	.....	
Wisconsin :				
Calumet County.....	Feb. 16.....	1	.....	
Harrison County.....	Feb. 20.....	1	.....	
Milwaukee.....	Apr. 24-May 20.....	9	1	
Outagamie County.....	Feb. 7-Mar. 20.....	15	2	
Total for the State.....	.....	26	3	Officially reported.
Wyoming :				
Cheyenne.....	Mar. 5-Mar. 26.....	5	.....	
Rock Springs.....	Dec. 24.....	1	.....	

PORTO RICO.

*Sanitary report for Mayaguez.*

SAN JUAN, PORTO RICO, *May 13, 1899.*

SIR : I have the honor to submit the following report of an inspection of Mayaguez, Porto Rico :

This port is situated upon the western end of the island and commercially is the third in importance. Like Ponce, the city proper is located a mile or so inland from the Playa, but has been built up in the intervening space. The population of the city is about 18,000 and of the district about 30,000.

The streets are wide and clean, unpaved, with a fair incline for drainage. The buildings are of a substantial character, brick, stone, and cement, as usual in Porto Rico, and are well adapted to this tropical climate.

The city possesses an electric-light plant, gas, and waterworks. The latter supply is fair in quality and quantity, and is taken from a mountain stream a couple of miles away, the pressure being by gravitation. This system requires both reservoirs and filter beds. Vegetable gardening is carried on by irrigation, and although commercially quiet for the past few years, this city has a future as a shipping point for a rich coffee and sugar district, the best cultivated region upon the island.

The harbor is an open one, and freight and passengers are landed by means of lighters. Toward the northern end an iron pier was partially constructed, to fairly deep water, by the Spanish authorities, but the ironwork is rapidly oxidizing for want of paint and tar protection. A breakwater is also needed upon the water side, to protect vessels lying at the wharf.

The customs receipts since our military occupation, August 10, 1898, are in round numbers, \$115,000.

A local military board of health, with Major Cooper as president, and Dr. Nussar, city physician, as secretary, acts in conjunction with the alcalde and city council. The usual scarcity of funds prevails, but the streets are well policed in a sanitary way, and the cesspools are kept within bounds. The slaughter house is located in an objectionable section of the city, and should be removed to the one extremity of the water front, or a crematory provided for burning the refuse, as the blood and washings drain into a neighboring marsh, with the prevail-

ing winds toward the city, breeding flies, odors, and perhaps other deleterious matter.

General vaccination has been practiced in the last six weeks, and while there have been a few cases of smallpox in isolation, no prevalence of the disease is feared.

The following data, compiled for me at the city court, gives the recorded births and deaths for the six years since 1893:

Estimating the population of the city and district at 30,000, the average death rate for the period 1893-1898 (six years) is 42.8 per thousand. (Copy of table inclosed.)

From Captain Travis, military collector of customs, I obtained the following list of the entrance and departure of vessels, all foreign, for the past six years:

In 1893, entered 297, cleared 296; in 1894, entered 287, cleared 305; in 1895, entered 317, cleared 307; in 1896, entered 322, cleared 290; in 1897, entered 348, cleared 351; in 1898, entered 195, cleared 195.

During January, February, and March, 1899, 48 have entered and 43 cleared the port.

#### *Quarantine inspection service.*

There is no quarantine station of any kind at this port, an inspection only having been maintained. An attempt was made to destroy the public records, quarantine and otherwise, and what remained in a fragmentary way I gathered up and brought back to the San Juan office for examination and file.

The small yawl boat, 21 feet in length, in use for boarding purposes, is the property of the quarantine service, and is jointly used by the customs authorities. For this reason its repairs in caulking and painting should be attended to by the custom house. The boatmen are also custom house employees. Dr. Tomas Vasquez, who had been appointed port physician had been away for several months, located in an interior district, practicing his profession, with a substitute, Dr. Monagas, acting for him, and his resignation was in the hands of the military collector of customs, who had already nominated Dr. Geronimo Gomez to the War Department for the position.

I took up this nomination and forwarded it to you, with the understanding that he was to live at the Playa, have a desk in the custom house, and devote his whole time to the duties of maritime sanitary inspector.

The majority of foreign vessels arriving at Mayaguez are first inspected at San Juan or Ponce, yet there are tramp steamers which first arrive there for cargoes of coffee and sugar, coming from suspicious localities, and require careful inspection. The history of the place shows that yellow fever has prevailed irregularly in past years, especially in 1893 and 1894, attacking only new arrivals and unacclimated persons. I am not yet prepared to say whether the disease was introduced or occurs endemically. At any rate, these smaller ports of the island are a source of danger, from the arrival of tramp vessels, and I have issued rigid instructions, in Spanish, to all of these port physicians, to use the mail and military telegraph line freely in any doubtful case. I have also informed them that the quarantine regulations are being printed in Spanish by your directions, and copies will be sent to them as soon as printed.

The following is an extract from *La Verdad Medical-Social*, a bimonthly publication of Mayaguez—

Number of deaths in district of Mayaguez during May, 1895, 125, including the following diseases: Dysentery, 17; paludism, 14; tuberculosis, 9; tetanus (neonatorum), 9; cerebral fever, 1.

Total number of deaths in June, 1895, including the following diseases, 132: Dysentery, 34; gastro-intestinal disease, 23; tuberculosis, 18; paludism, 10; meningitis, cerebro-spinal, 3; scrofula, 1; cerebral softening, 1.

Total number of deaths during August, 1895, including the following diseases, 137: Dysentery, 27; gastro-intestinal diseases, 27; paludism (6 pernicious cases), 16; yellow fever, 6.

Respectfully, yours,

A. H. GLENNAN,

*Surgeon, U. S. M. H. S. In Command.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Vital statistics of Mayaguez from January 1, 1893, to March 31, 1899.*

Years.	Births.			Deaths.						Total.
	Males.	Females.	Total.	Males.			Females.			
				Unmar-ried.	Mar-ried.	Wid-owers.	Unmar-ried.	Mar-ried.	Wid-ows.	
1893 .....	442	392	834	387	90	30	294	56	66	923
1894 .....	428	463	891	496	80	37	468	57	93	1,231
1895 .....	404	367	801	571	90	63	511	74	88	1,297
1896 .....	419	386	805	561	83	42	426	56	75	1,243
1897 .....	407	373	780	617	86	49	598	101	66	1,517
1898 .....	351	311	662	600	97	65	476	64	116	1,418
1899 .....	192	176	368	157	24	14	121	21	22	389
<b>Total.....</b>	<b>2,643</b>	<b>2,498</b>	<b>5,141</b>	<b>3,389</b>	<b>550</b>	<b>300</b>	<b>2,894</b>	<b>429</b>	<b>526</b>	<b>8,118</b>

*Sanitary report from Ponce.*

PONCE, PORTO RICO, *May 9, 1899.*

SIR: I have the honor to make the following weekly report. Arrangements for disinfection here, as previously reported, consist of the autoclave, which was brought down with me, but I have practically no place to use it. I am depending on two methods, either to disinfect aboard ship, or to use the liquid formalin, sprinkled on clothing in a confined space; that is, in the box or trunk containing it.

I have made every effort to obtain some place to build a small disinfecting room, and have inspected a number of places without success. In attempting to locate such place, I have been met with refusal after refusal. Cardonas Island, which is now under the control of the Navy, can not be used, as the naval officer in charge will not consent. The collector of customs will not agree to allow me to construct such a place on the Government dock. The eastern shore of the harbor, the only available place left me, is now my only hope. I have tried to obtain a place here before, but as yet have not succeeded. My idea is to place some kind of barge here for this work, as I think it is in every way the best arrangement that could be made, and perhaps the only effective one at present. There are at the present time a number of ships arriving here from suspected or infected ports, carrying neither passengers nor cargo for this port, and desiring only to take cargo; this they do in quarantine. The passenger ships from doubtful places are few, but give an immense amount of trouble, because of the limited means at

my disposal. I always make a careful inquiry into the history of each passenger, and make an inspection of their baggage, disinfecting the same as far as possible.

The general health of Ponce, as reported in my last letter, is fairly good. There is, and always has been, a high rate of mortality, the only wonder being that, with the existing sanitary conditions, it has not been higher. The sanitary status of the place is very bad, and very little has been done to improve it, there being no money for this work at present.

I have had several conversations with the president of the board of health, who is making every effort to obtain the desired funds. The board is doing as much work as is possible without money, and is making well-directed movements along all lines to improve the city's condition, and if they only had the necessary funds, I believe much good would be done along needed lines. I inclose herewith a report from the city architect concerning the sanitary conditions, etc., of Ponce. This gentleman is quite capable and has experience, and I think his report is well worthy of consideration.

I also inclose mortality statistics for the month of April. I had some difficulty in reaching these, and I fear there may be one or two mistakes, but if so they are minor ones. I am astonished at the number of deaths from smallpox, knowing as I do that the disease has decreased steadily during the last four weeks, and that new cases are now rare. In the city, moreover, the disease is not of a severe type. It is not to be forgotten, however, that these statistics include not only Ponce, but also much of the district, and it is here that most of these deaths have occurred. The weekly report of infectious diseases in the city and port (a copy of which I inclose) will show the state of small-pox now.

Respectfully, yours,

C. H. LEVINDER,

*Assistant Surgeon, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

*Number and causes of deaths in Ponce jurisdiction during month of April, taken from records in the office of the municipal judge.*

[Inclosure.]

Causes.	Number.	Causes.	Number.	Causes.	Number.
Variola.....	22	Gastro-enteritis.....	1	Metritis.....	1
Tuberculosis, lungs.....	19	Bronchitis.....	1	Intestinal obstruction..	1
Malarial fever.....	20	Puerperal fever.....	1	Cholera infantum.....	1
Anæmia.....	11	Scrofula.....	1	Valv. disease heart.....	4
Enterocolitis.....	17	Cirrhosis liver.....	3	Asystole.....	2
Enteritis, chronic.....	5	Hepato-splenitis.....	1	Erysipelas.....	1
Enteritis, acute.....	4	Pneumonia.....	3	Alcoholism.....	1
Cerebral congestion.....	1	Inanition.....	2	Hemorrhage.....	1
Influenza.....	1	Eclampsia.....	2	Burn.....	1
Convulsions.....	1	Dysentery.....	3	Cerebral sclerosis.....	1
Simple fever.....	1	Metro-peritonitis.....	3	Gunshot wound, head.....	1
Meningitis.....	5	Peritonitis.....	1	Insanity.....	1
Debility.....	3	Diarrhea, chronic.....	1		
Gastro-hepatitis.....	1	Tuberculosis of intestine.....	1	Total.....	153
Anasarca.....	2				

*Sanitary report from San Juan.*

SAN JUAN, PORTO RICO, *May 15, 1899.*

SIR: I have the honor to submit the following consolidated report of the operations of the Service at this port during the month ended April 30, 1899:

Number of births reported .....	65
Number of births reported in April, 1898 (comparative).....	74
Number of deaths reported.....	72
Number of deaths reported in April, 1898 (comparative).....	58
(A list of the causes of deaths is inclosed herewith.)	
Number of vessels inspected.....	46
Number of vessels inspected in April, 1898 (comparative).....	34
Number of vessels under observation (quarantine).....	3
Number of pieces of baggage disinfected.....	14
Number of vaccinations.....	125

Number of persons inspected and vaccination certificates viséed, 760. Among the number inspected were First Assistant P. M. Gen. Perry M. Heath, Maj. Daniel Hogan, Lieutenant McIntyre, aide-de-camp to General Henry, and other officers. About 600 were discharged soldiers, and the remainder civilians.

The inspection of all outgoing passengers has been practically turned over to this Service, and I take pleasure in stating that the medical officers of the Army have given me valuable assistance in this work. Nearly all of the discharged soldiers were vaccinated by them at their respective posts, and were then sent to this office to have their certificates viséed.

The smallpox has almost entirely disappeared, there being but two cases remaining in the pesthouse. The health of the city during the past month has been fairly good, and there were no infectious diseases.

Respectfully, yours,

A. H. GLENNAN,  
*Surgeon, U. S. M. H. S., In Command.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

*List of causes of deaths and number thereof at San Juan during April.*

Acute enteritis.....	11
Cardiac lesions.....	5
Entero-colitis.....	5
Tabes mesenterica.....	2
Pulmonary tuberculosis.....	10
Intestinal tuberculosis.....	1
Typhomalaria.....	1
Rachitis.....	2
Chronic Bright's disease.....	1
Chronic alcoholism.....	1
Dentition .....	2
Strangulated hernia.....	1
Anæmia .....	3
Tetanus neonatorum .....	3
Intussusception of intestines.....	1
Acute bronchitis.....	4
Leprosy.....	1
Cerebral embolism.....	1
Drowned.....	1
Insufficiency of aortic valves.....	1
Chronic diarrhea .....	1
Spina bifida .....	1

*Lists of causes of deaths, etc.—Continued.*

Ascites.....	1
Œdema glottis.....	1
Septicæmia.....	1
Intestinal colic.....	1
Chronic myelitis.....	1
Internal hemorrhage.....	1
Acute meningo-encephalitis.....	1
Dystocic labor.....	1
Carcinoma of stomach.....	1
Old age.....	2
Epithelioma.....	1
Prostatitis.....	1
Total.....	72

## RESUMÉ.

Births—	
April, 1898.....	74
April, 1899.....	65
Deaths—	
April, 1898.....	58
April, 1899.....	72

Respectfully submitted,

A. H. GLENNAN,  
Surgeon, U. S. M. H. S.,  
Quarantine Inspector of Porto Rico.

*Report of immigration at Boston for the week ended May 20, 1899.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Boston, May 21, 1899.

*Number of alien immigrants who arrived at this port during the week ended May 20, 1899;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 14	Steamship Catalonia.....	Liverpool, England.....	384
Do.....	Steamship Chicago.....	London, England.....	8
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	117
May 15	Steamship Admiral Sampson.....	Port Morant, Jamaica.....	5
Do.....	Schooner Wambeck.....	Harvey, New Brunswick.....	1
May 16	Steamship Cestrian.....	Liverpool, England.....	31
Do.....	Steamship Admiral Farragut.....	Port Antonio, Jamaica.....	1
Do.....	Steamship Prince George.....	Yarmouth, Nova Scotia.....	42
May 17	Steamship Barrowmore.....	London, England.....	11
Do.....	Steamship Kansas.....	Liverpool, England.....	30
May 18	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	94
May 19	Steamship Halifax.....	Halifax, Nova Scotia.....	93
Do.....	Steamship Prince George.....	Yarmouth, Nova Scotia.....	35
Do.....	Steamship Ultonia.....	Liverpool, England.....	494
May 20	Steamship Hibernian.....	Glasgow, Scotland.....	173
	Total.....		1,519

GEORGE B. BILLINGS,  
Commissioner.

*Report of immigration at New York for the week ended May 13, 1899.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 16, 1899.*

*Number of alien immigrants who arrived at this port during the week ended May 13, 1899; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 7	Steamship Etruria.....	Liverpool and Queenstown.....	416
Do....	Steamship Paris.....	Southampton.....	208
Do....	Steamship La Champagne.....	Havre.....	760
Do....	Steamship Pretoria.....	Hamburg.....	1,345
May 9	Steamship Tartar Prince.....	Naples.....	1,020
Do....	Steamship Coleridge.....	Rio de Janeiro.....	41
Do....	Steamship Massilia.....	Marseilles and Naples.....	987
May 10	Steamship Amsterdam.....	Rotterdam.....	389
Do....	Steamship Furnessia.....	Glasgow.....	476
May 11	Steamship Southwark.....	Antwerp.....	577
Do....	Steamship Lahn.....	Bremen.....	408
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	949
May 13	Steamship Pompeii.....	Hamburg.....	381
Do....	Steamship Patria.....	do.....	777
Do....	Steamship Campana.....	Liverpool and Queenstown.....	764
Do....	Steamship St. Paul.....	Southampton.....	217
	<b>Total</b> .....		<b>9,660</b>

THOMAS FITCHIE,  
*Commissioner.*

*Report of immigration at Philadelphia for the week ended May 20, 1899.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, May 20, 1899.*

*Number of alien immigrants who arrived at this port during the week ended May 20, 1899; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 18	Steamship Pennland.....	Liverpool and Queenstown.....	237
Do....	Steamship Switzerland.....	Antwerp.....	318
May 19	Steamship Minnesota.....	London.....	2
	<b>Total</b> .....		<b>557</b>

JNO. J. S. RODGERS,  
*Commissioner.*

*Report of immigration at New York for the week ended May 20, 1899.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 22, 1899.*

*Number of alien immigrants who arrived at this port during the week ended May 20, 1899;  
 also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 14.	Steamship Statendam .....	Rotterdam.....	501
Do....	Steamship La Bretagne.....	Havre.....	758
May 15.	Steamship Buenos Ayrean.....	Glasgow .....	85
Do....	Steamship Alsatia .....	Naples.....	856
Do....	Steamship Barbaroosa.....	Bremen.....	1,515
May 16.	Steamship Chateau Yquem.....	Naples.....	847
May 17.	Steamship Koenigen Luise.....	Bremen.....	864
Do....	Steamship New York.....	Southampton.....	82
Do....	Steamship Karamania.....	Naples.....	665
Do....	Steamship Westernland.....	Antwerp.....	509
May 18.	Steamship Kaiser Friederich.....	Bremen.....	476
Do....	Steamship Servia .....	Liverpool and Queenstown.....	538
Do....	Steamship Saale.....	Genoa and Naples.....	731
May 19.	Steamship Oevenum .....	Lisbon and The Azores.....	116
Do....	Steamship Patricia.....	Hamburg.....	1,062
Do....	Steamship Trojan Prince.....	Genoa and Naples.....	1,099
Do....	Steamship Cymric.....	Liverpool and Queenstown.....	1,072
May 20.	Steamship St. Louis.....	Southampton .....	227
	Total.....		12,008

THOMAS FITCHIE,  
*Commissioner.*

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Alexandria, Va.....	May 20			
Astoria, Oreg.....	May 13	Am. ss. Columbia.....	May 12	Hongkong.....
Beaufort, N. C.....	May 20			
Brunswick, Ga.....	May 13	Sp. bk. Asuncion (a).....	Apr. 25	Santos.....
		Am. sc. Eva B. Douglass.....	May 4	Tampico.....
		Am. sc. Sam'l B. Hubbard.	May 7	Matanzas.....
Cape Charles, Va.....	May 20			
Cape Fear, N. C.....	do.....	Am. tug Alexander Jones. (a)	May 13	Havana.....
Cienfuegos, Cuba.....	May 13			
Delaware Breakwater Quarantine, Del.	do.....			
Eureka, Cal.....	May 20			
Grays Harbor, Wash.....	May 13			
Guantanamo, Cuba.....	do.....			
Gulf Quarantine, Ship Island, Miss.	Apr. 22			
	May 13	Mex. sc. Tres Hermanos. (a)	Apr. 30	Campeche.....
		Am. sc. Millie Williams. (a)	do.....	Vera Cruz.....
		Am. sc. Flora Morang. (a)	May 2	Caibarien.....
		Sp. ss. Ernesto.....	May 10	Liverpool.....
		Br. sc. John S. Parker.....	May 12	Havana.....
Havana Cuba.....	May 11	Am. sc. Susie P. Oliver.....	May 3	Pascagoula.....
		Br. ss. Tyrian.....	May 9	Mobile.....
		Br. sc. Florence R. Hewson.	May 10	Annapolis, Nova Scotia.
		Br. sc. St. Maurice.....	May 11	Pascagoula.....
		Br. ss. Widdrington.....	do.....	Mobile.....
	May 18	Br. sc. Florence R. Hewson. (a)	May 10	Annapolis, Nova Scotia.
		Br. ss. Widdrington (a)...	May 11	Mobile.....
		Br. sc. St. Maurice (a).....	do.....	Pascagoula.....
		Am. tug M. M. F. McCauley and barge Joseph Souther.	May 12	Savannah.....
Honolulu, Hawaii.....	Apr. 8			
Matanzas, Cuba.....	May 16	Ger. ss. Hermann.....	May 12	Caibarien.....
Newbern, N. C.....	May 20			
Ponce, Porto Rico.....	May 7	Sc. Niantic (a).....	Apr. 29	Marcoris.....
		Fr. ss. Fournel.....	Apr. 30	Limon.....
		Gr. ss. Senior.....	do.....	Cienfuegos.....
Port Townsend, Wash.....	May 13			
Reedy Island Quarantine, Del...	May 20			
San Diego, Cal.....	May 13			
San Francisco Quarantine, Cal...	do.....	U. S. transport Grant (a)	Apr. 29	Manila.....
		U. S. transport Sherman (a).	do.....	do.....
San Juan, Porto Rico.....	May 6	Sp. ss. Isla Panay.....	May 4	Havana.....
Do.....	May 13			
Santiago de Cuba.....	May 6	Br. ss. Bentala.....	May 1	Baltimore.....
Savannah, Ga.....	May 13	Am. tug Dauntless (a).....	May 2	Nuevitas.....
		Nor. bk. Alexandra (a).....	May 6	Pernambuco.....
		Am. sc. W. H. Shubert (a).....	do.....	Sagua la Grande.
South Atlantic Quarantine, Blackbeard Island, Ga.	do.....	Nor. bk. Crown Prince.....	May 7	Rio de Janeiro.....

a Previously reported.

## AND INSPECTION STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Portland .....	Disinfection of baggage and compartments of Chinese emigrants.	May 13	No transactions. 1 case variola landed at Moji, Japan, April 21.	
Brunswick .....	Held .....	May 7	No report. ....	4
do .....	Disinfected and held .....	May 13		
do .....	do .....			
Southport .....	Held for expiration of five days from Havana.	May 15		8
			Beriberi on Nor. bk. Skonvaer, from Sourabaya at sea.	7 7
			No transactions. ....	8
				1
Pascagoula .....	Disinfected and held .....	May 7		5 5
do .....	do .....	do ..	1 case malarial intermittent fever at sea.	
do .....	do .....	do ..		
Ship Island .....	do .....			
Pascagoula .....	do .....		1 case malarial intermittent fever in quarantine.	
Brunswick .....	Disinfected .....	May 5		
Mobile .....	do .....	May 9		
do .....	Held for disinfection .....			
Pascagoula .....	do .....			
Mobile .....	do .....			
do .....	Disinfected .....	May 12		
do .....	do .....	do ..		
Pascagoula .....	do .....	May 13		
Savannah .....	do .....	May 16		
Mantanzas .....	Disinfected .....		No report. .... Vessel came to Matanzas for disinfection.	8
Ponce .....	Held in quarantine till departure.	May 3	No transactions. .... Condition of vessel very bad. Allowed to land 30 passengers.	1
Havre .....	Took cargo in quarantine ..	May 1		
Ponce .....	do .....	May 2		
				3
				19
				2
San Francisco .....	Disinfected and released .....	May 8	31 persons from ship's hospital held for observation.	16
do .....	Released .....	May 5	154 persons held for observation. 16 Japanese steerage passengers on Br. ss. Belgian King, from Hongkong, bathed, and effects disinfected.	
Corcina .....	Baggage and effects of passengers disinfected. Two passengers detained under observation to complete 5 days.			7
Santiago .....	Boarded and passed .....			16
Savannah .....	Vessel disinfected and held.	May 9		15
do .....	Ballast discharged. Vessel disinfected and held.			2
	Disinfected and held .....			
Sapelo .....	Held for disinfection .....		1 death at Rio from beriberi (doubtful).	2

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Tortugas Quarantine, Key West, Fla.	May 13	Am. sc. Benjamin Curry (a)	May 2	Havana .....
		Am. sc. Goodwin Stoddard. (a)	Apr. 25	New York .....
		Am. sc. Ellen M. Adams.	May 11	Havana .....
		Am. sc. Tabor.....	May 13	.....do.....
Washington, N. C.....	May 20	Am. barge Ludwig.....	.....do.....	.....do.....
		.....	.....	.....

a Previously reported.

REPORTS FROM STATE AND

Name of station.	Week ended.	Name of vessel.	Date of arrival	Port of departure.
Anclote, Fla.....	May 20	.....	.....	.....
Baltimore, Md.....	do.....	.....	.....	.....
Bangor, Me.....	do.....	.....	.....	.....
Boca Grande, Fla.....	do.....	.....	.....	.....
Boston, Mass.....	do.....	.....	.....	.....
Cedar Keys, Fla.....	May 13	.....	.....	.....
Charleston, S. C.....	May 20	.....	.....	.....
Elizabeth River, Va.....	do.....	.....	.....	.....
Galveston, Tex.....	do.....	.....	.....	.....
Gardiner, Oreg.....	May 13	.....	.....	.....
Georgetown, S. C.....	May 20	.....	.....	.....
Key West, Monroe County, Fla.....	do.....	.....	.....	.....
Los Angeles, Cal.....	May 13	.....	.....	.....
Mayport, Fla.....	do.....	.....	.....	.....
Mobile, Ala.....	May 20	Rus. bktn. Capella.....	May 13	Pernambuco.....
		Br. ss. Tyrian (a).....	May 12	Havana.....
		Br. ss. Widdrington (a)...	May 15	.....do.....
		Br. sc. Florence R. Hewson.	May 16	.....do.....
		Rus. sc. Meerents.....	.....do.....	La Guayra.....
		Bktn. Arthur C. Wade.....	May 20	Puerto Cabello....
New Bedford, Mass.....	do.....	.....	.....	.....
New Orleans, La.....	do.....	.....	.....	.....
Newport News, Va.....	do.....	.....	.....	.....
Newport, R. I.....	do.....	.....	.....	.....
New York, N. Y.....	do.....	.....	.....	.....
Pas Cavallo, Tex.....	do.....	.....	.....	.....
Providence, R. I.....	do.....	.....	.....	.....
Round Island, Miss.....	do.....	.....	.....	.....
St. Helena Entrance, S. C.....	do.....	.....	.....	.....
San Pedro, Cal.....	May 13	.....	.....	.....
Tampa Bay, Fla.....	May 20	.....	.....	.....

a Previously reported.

## AND INSPECTION STATIONS—Continued.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Key West .....	Disinfected .....	May 8	.....	.....
Fernandina .....	.....do .....	.....do.....	Without pratique at request of master.	.....
Key West .....	Disinfected and held for observation.	.....	.....	.....
Pensacola .....	Held for disinfection .....	.....	.....	.....
.....do .....	.....do .....	.....	No transactions.....	.....

## MUNICIPAL QUARANTINE STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	.....	.....	.....	3
.....	.....	.....	No report.....	.....
.....	.....	.....	.....do .....	.....
.....	.....	.....	.....do .....	.....
.....	.....	.....	.....do .....	13
.....	.....	.....	.....do .....	1
.....	.....	.....	.....do .....	9
.....	.....	.....	No report.....	.....
.....	.....	.....	.....do .....	.....
.....	.....	.....	.....do .....	14
.....	.....	.....	No transactions.....	.....
.....	.....	.....	No report .....	18
Mobile .....	Ballast discharged; vessel disinfected and held.	.....	.....	.....
.....do .....	Held to complete five days' period.	May 14	.....	.....
.....do .....	Held to complete five days' period and eighteen hours for observation.	May 18	.....	.....
.....do .....	Held to complete five days..	May 17	.....	.....
.....do .....	Ballast discharged; vessel disinfected and held.	.....	.....	.....
.....do .....	Held for disinfection .....	.....	.....	1
.....	.....	.....	No report.....	.....
.....	.....	.....	.....do .....	6
.....	.....	.....	.....do .....	.....
.....	.....	.....	No transactions .....	.....
.....	.....	.....	No report.....	.....
.....	.....	.....	.....do .....	.....
.....	.....	.....	.....do .....	.....
.....	.....	.....	.....do .....	.....

*Reports of States and yearly and monthly reports of cities of the United States.*

**CALIFORNIA**—*San Diego*.—Month of April, 1899. Census population, 16,159. Total number of deaths, 13, including 2 from phthisis pulmonalis.

**CONNECTICUT**.—Reports from the State board of health for the month of April, 1899, from 166 towns having an aggregate population of 889,245, show a total of 1,169 deaths, including diphtheria, 14; enteric fever, 8; la grippe, 10; measles, 4; cerebro-spinal meningitis, 20; scarlet fever, 2; whooping cough, 7, and 133 from phthisis pulmonalis.

**ILLINOIS**—*Chicago*.—Month of April, 1899. Estimated population, 1,650,000. Total number of deaths, 2,386, including diphtheria, 56; enteric fever, 23; influenza, 24; measles, 20; scarlet fever, 71; whooping cough, 6, and 228 from phthisis pulmonalis.

During the week ended May 13, 1899, 4 certificates of death were returned to the office of the commissioner of health giving influenza as the chief cause, 9 giving diphtheria as the cause, 49 cases being reported, also 17 giving scarlet fever as the cause, 106 cases being reported.

**LOUISIANA**—*New Orleans*.—Month of April, 1899. Estimated population, 300,000—white, 210,000; colored, 90,000. Total number of deaths, 640—white, 393; colored, 247—including diphtheria, 1; enteric fever, 3; influenza, 6; whooping cough, 3; smallpox, 3, and 63 from phthisis pulmonalis.

**MASSACHUSETTS**—*Fitchburg*.—Month of April, 1899. Estimated population, 29,438. Total number of deaths, 37, including measles, 7; scarlet fever, 1, and 1 from phthisis pulmonalis.

**MICHIGAN**.—Reports to the State board of health, Lansing, for the week ended May 13, 1899, from 82 observers, indicate that pneumonia, scarlet fever, and phthisis pulmonalis increased and cerebro-spinal meningitis decreased in area of prevalence. Phthisis pulmonalis was reported present at 160, measles at 86, scarlet fever at 43, diphtheria at 16, enteric fever at 16, and whooping cough at 15 places.

*Port Huron*.—Month of April, 1899. Estimated population, 20,000. Total number of deaths, 34, including enteric fever, 1, and 1 from phthisis pulmonalis.

**MINNESOTA**—*Duluth*.—Month of April, 1899. Estimated population, 60,000. Total number of deaths, 46, including enteric fever, 3, and 2 from phthisis pulmonalis.

*Minneapolis*.—Month of April, 1899. Estimated population, 225,602. Total number of deaths, 218, including diphtheria, 3; enteric fever, 3; scarlet fever, 1; whooping cough, 1, and 30 from phthisis pulmonalis.

*St. Paul*.—Month of April, 1899. Estimated population, 200,000. Total number of deaths, 135, including diphtheria, 4; enteric fever, 1; whooping cough, 1; la grippe, 1, and 23 from phthisis pulmonalis.

**NEW HAMPSHIRE**—*Manchester*.—Month of April, 1899. Estimated

population, 60,000. Total number of deaths, 82, including diphtheria, 2; la grippe, 2, and 5 from phthisis pulmonalis.

NEW JERSEY—*Hudson County*.—Month of April, 1899. Estimated population, 384,784. Total number of deaths, 546, including diphtheria, 12; enteric fever, 4; scarlet fever, 8; whooping cough, 2; la grippe, 3, and 73 from phthisis pulmonalis.

*Paterson*.—Month of April, 1899. Estimated population, 115,540. Total number of deaths, 208, including diphtheria, 5; enteric fever, 4; measles, 7; whooping cough, 1, and 16 from phthisis pulmonalis.

NEW YORK—*Buffalo*.—Month of April, 1899. Estimated population, 370,000. Total number of deaths, 400, including diphtheria, 5; enteric fever, 3; measles, 1; scarlet fever, 7; whooping cough 4, and 42 from phthisis pulmonalis.

OHIO—*Cleveland*.—Month of April, 1899. Estimated population, 395,000. Total number of deaths, 502, including diphtheria, 5; enteric fever, 10; measles, 1; scarlet fever, 4; smallpox, 1; whooping cough, 2, and 18 from phthisis pulmonalis.

UTAH—*Salt Lake City*.—Month of April, 1899. Estimated population, 70,000. Total number of deaths, 45, including la grippe, 1; whooping cough, 1, and 2 from phthisis pulmonalis.

WASHINGTON—*Tacoma*.—Month of April, 1899. Estimated population, 50,000. Total number of deaths, 29, including diphtheria, 1; enteric fever, 1, and 5 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—																
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.						
Ablene, Kans.....	May 13.....	3,194	2																	
Do.....	May 20.....	3,194	2																	
Allegheny, Pa.....	May 13.....	105,287	30	5																
Do.....	May 20.....	105,287	33	4																
Allentown, Pa.....	May 14.....	25,228	8																	
Aurora, Ill.....	May 6.....	19,688	6	1																
Do.....	May 13.....	19,688	8	1																
Baltimore, Md.....	May 20.....	434,439	138	16																
Bay City, Mich.....	May 19.....	27,839	9	1																
Biddeford, Me.....	May 20.....	14,443	7																	
Binghamton, N. Y.....	do.....	35,005	14	4																
Boston, Mass.....	do.....	448,477	190	30																
Bridgeport, Conn.....	do.....	48,866	20	4																
Bristol, R. I.....	May 13.....	5,478	3																	
Do.....	May 20.....	5,478	4	3																
Cambridge, Mass.....	do.....	70,028	23	2																
Charleston, S. C.....	May 13.....	a 54,855	44	4																
Chelsea, Mass.....	do.....	27,909	17																	
Chicago, Ill.....	May 20.....	1,099,850	396	45																
Chicopee, Mass.....	May 13.....	14,050	7	2																
Chillicothe, Ohio.....	May 20.....	11,288	3	1																
Cleveland, Ohio.....	May 13.....	261,353	100	2																
Do.....	May 20.....	261,353	94	2																
Dayton, Ohio.....	do.....	61,220	22	3																
Decatur, Ill.....	May 13.....	16,841	7																	
Do.....	May 20.....	16,841	2																	
Dunkirk, N. Y.....	May 6.....	9,416	0																	
Do.....	May 13.....	9,416	1																	
Dunmore, Pa.....	do.....	8,315	4																	
Elmira, N. Y.....	do.....	29,708	8																	
Erie, Pa.....	do.....	40,634	13	1																
Evansville, Ind.....	do.....	51,756	16	5																
Do.....	May 20.....	50,756	18	2																
Everett, Mass.....	May 13.....	11,068	6																	
Fitchburg, Mass.....	do.....	22,037	8																	
Grand Rapids, Mich.....	May 20.....	60,278	22	2																
Green Bay, Wis.....	do.....	9,069	5																	
Hoboken, N. J.....	do.....	43,648	24	1																
Holyoke, Mass.....	do.....	35,637	9	1																
Jacksonville, Fla.....	do.....	17,201	10	1																
Jersey City, N. J.....	May 14.....	163,003	68	11																
Do.....	May 21.....	163,003	61	6																
Johnstown, Pa.....	May 13.....	21,805	3																	
Do.....	May 20.....	21,805	7	1																
Lawrence, Mass.....	May 13.....	44,654	28																	
Los Angeles, Cal.....	do.....	50,395	31	6																
Louisville, Ky.....	May 11.....	161,129	52	7																
Do.....	May 18.....	161,129	63	11																
Lowell, Mass.....	May 20.....	77,696	3	4																
Lynchburg, Va.....	do.....	19,709	7	1																
McKeesport, Pa.....	May 16.....	20,741	8																	
Do.....	May 23.....	20,741	5																	
Mahanoy City, Pa.....	May 20.....	11,286	1																	
Malden, Mass.....	May 13.....	23,031	6																	
Do.....	May 20.....	23,031	2																	
Manchester, N. H.....	May 13.....	44,126	26	1																
Massillon, Ohio.....	do.....	10,092	5																	
Medford, Mass.....	May 20.....	11,079	5	1																
Melrose, Mass.....	May 13.....	8,519	4																	
Michigan City, Ind.....	May 20.....	10,776	6	1																
Middletown, N. Y.....	May 15.....	11,977	5	1																
Milwaukee, Wis.....	May 13.....	204,468	76	10																
Do.....	May 20.....	204,468	73	8																
Minneapolis, Minn.....	May 6.....	164,738	52	9																
Do.....	May 13.....	164,738	33																	
Mobile, Ala.....	May 20.....	31,076	28	4																
Nashville, Tenn.....	do.....	76,168	24	3																
New Bedford, Mass.....	do.....	40,733	27	3																
Newburyport, Mass.....	May 13.....	13,947	2	2																
New Orleans, La.....	do.....	242,089	200	11																
Newton, Mass.....	May 20.....	24,379	4																	
New York, N. Y.....	do.....	63,550,053	1,139	141																

a Estimated population, 65,165—white, 28,870; colored, 36,295.  
 b Estimated.

## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population U. S. census of 1890.	Total deaths from all causes.	Deaths from—												
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Norristown, Pa.....	May 6.....	19,791	11								1					
Do.....	May 13.....	19,791	8	1												
Do.....	May 20.....	19,791	8													
Omaha, Nebr.....	May 13.....	140,452	28													
Oneonta, N. Y.....	May 20.....	6,272	1													
Petersburg, Va.....	May 14.....	22,680	14	3												
Do.....	May 21.....	22,680	6								1					
Philadelphia, Pa.....	May 13.....	1,046,964	427	54							22	2	14			
Pittsburg, Pa.....	May 20.....	238,617	72	4							2		3	2		4
Pittston, Pa.....	May 13.....	10,302	2													
Do.....	May 20.....	10,302	2													
Plainfield, N. J.....	May 13.....	11,267	5	1												
Do.....	May 20.....	11,267	5								1					
Ponce, Porto Rico.....	May 6.....	20,000				4									1	
Port Huron, Mich.....	Apr. 29.....	13,543	15													
Do.....	May 6.....	13,543	5													
Do.....	May 13.....	13,543	6													
Portland, Me.....	May 6.....	36,425		2							1				1	
Do.....	May 13.....	36,425	23	2							1	1	3	1		
Portsmouth, Va.....	May 20.....	13,268	5													
Pottstown, Pa.....	May 13.....	13,284	5									1	2			
Do.....	May 20.....	13,284	5													
Providence, R. I.....	do.....	132,146	55	8							2	1		1		
Richmond, Ind.....	May 14.....	16,608	4	1												
Salt Lake City, Utah.....	May 20.....	44,843	10									1				1
San Diego, Cal.....	May 6.....	16,159	5													
Do.....	May 13.....	16,159	6													
San Jose, Cal.....	do.....	18,060	7	4												
Santa Barbara, Cal.....	do.....	5,864	1	1												
Scranton, Pa.....	May 20.....	75,215	20								1	J				
Shreveport, La.....	May 13.....	11,979	5													
Do.....	May 20.....	11,979	8	1												
Somerville, Mass.....	do.....	40,152	14	2									1			
Steelton, Pa.....	do.....	9,250	5													
Tacoma, Wash.....	May 13.....	36,006	4													
Waltham, Mass.....	May 20.....	18,207	8													
Washington, D. C.....	May 13.....	230,392	93	12									1			
Wichita, Kans.....	May 20.....	23,853	7													
Wilmington, Del.....	do.....	61,431	24	4											1	
Winona, Minn.....	May 13.....	18,203	8	1												
Worcester, Mass.....	May 5.....	84,685	33	3							1	1	1			
Do.....	May 12.....	84,685	37	3									1			
Yonkers, N. Y.....	May 19.....	32,033		1												
Youngstown, Ohio.....	May 20.....	33,220	7													

a Estimated.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to May 26, 1899.*

### CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	Dec. 20-Apr. 18...	.....	9	
Calcutta.....	Nov. 26-Apr. 12...	.....	445	
Madras.....	Nov. 19-Feb. 24...	.....	29	
Singapore.....	Dec. 1-Dec. 30...	.....	1	

### YELLOW FEVER.

<b>Brazil:</b>				
Bahia.....	Dec. 24-Apr. 15...	41	17	Yellow fever epidemic.
Itú.....	Mar. 21.....	.....	.....	
Rio de Janeiro.....	Nov. 11-Mar. 30...	.....	372	
<b>Colombia:</b>				
Barranquilla.....	Dec. 2-Mar. 4...	8	8	
<b>Cuba:</b>				
Guantanamo.....	Apr. 22.....	1	1	On barkentine St. Paul.
Havana.....	Dec. 16-Apr. 13...	.....	9	Removed from S. S. "North Anglia."
	Apr. 18.....	2	.....	
Matanzas.....	Mar. 16-Mar. 30...	2	.....	One in United States Army.
<b>Mexico:</b>				
Tampico.....	Apr. 20.....	1	0	
Vera Cruz.....	Dec. 9-May 12...	.....	70	

### PLAGUE.

<b>Arabia:</b>				
Aden.....	Apr. 7.....	1	.....	On steamship Caledonia.
Djiddah.....	Feb. 22-Mar. 31...	.....	51	
<b>China:</b>				
Hongkong.....	Dec. 10-Jan. 21...	2	2	Plague exists.
	Mar. 8-Apr. 15...	69	70	
<b>Formosa:</b>				
Taichu.....	Jan. 12-Jan. 18...	1	.....	Plague exists.
Tainan.....	Jan. 9-Jan. 18...	24	17	
Taipeh.....	Dec. 25.....	10	2	
Taiwan.....	Dec. 31.....	.....	.....	
Tamsui.....	Jan. 1-Mar. 29...	.....	519	
<b>India:</b>				
Bombay.....	Nov. 22-Apr. 18...	.....	4,504	
Calcutta.....	Jan. 21-Apr. 8...	.....	617	
Madras.....	Mar. 18-Mar. 31...	.....	3	
<b>Madagascar:</b>				
Tamatave.....	Nov. 26-Feb. 8...	309	210	
<b>Mauritius:</b>				
Port Louis.....	Jan. 25.....	1	1	

### SMALLPOX.

<b>Africa:</b>				
Lorenzo Marquez.....	Dec. 1-Dec. 24...	18	.....	Smallpox epidemic.
<b>Arabia:</b>				
Haneguine.....	May 2.....	.....	.....	
<b>Argentina:</b>				
Buenos Ayres.....	Nov. 1-Nov. 30...	.....	5	
<b>Belgium:</b>				
Antwerp.....	Dec. 3-Apr. 29...	59	19	
Ghent.....	Mar. 25-Apr. 8...	.....	2	
<b>Brazil:</b>				
Bahia.....	Nov. 19-Apr. 15...	172	12	
Rio de Janeiro.....	Nov. 11-Mar. 30...	145	88	

## Cholera, yellow fever, plague, and smallpox, etc.—Continued.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Canada:</b>				
<b>Ontario:</b>				
Coburg County.....	Jan. 30-Feb. 22...	1	.....	
Dundos County.....	.....do.....	1	1	
Dunham County.....	.....do.....	1	.....	
Essex County.....	.....do.....	1	.....	
Grenorth County.....	.....do.....	5	1	
Kent County.....	.....do.....	3	.....	
Northumberland County.....	.....do.....	1	.....	
Prescott County.....	.....do.....	15	3	
Stormont County.....	.....do.....	11	1	
York County.....	.....do.....	3	.....	
Province of Quebec.....	Jan. 26-Apr. 21...	14	1	
<b>China:</b>				
Fuchou.....	Feb. 25.....	.....	.....	Smallpox prevalent.
Hongkong.....	Jan. 1-Apr. 1...	31	13	
<b>Ceylon:</b>				
Colombo.....	Dec. 24-Dec. 31...	.....	1	
<b>Colombia:</b>				
Baranquilla.....	Mar. 25-Apr. 15...	8	.....	
<b>Cuba:</b>				
Havana.....	Dec. 30.....	1	.....	In United States Army.
	Apr. 14-Apr. 20...	.....	1	
Santiago.....	Feb. 23-Mar. 21...	2	.....	On steamship Thomas Brooks.
	Apr. 8-Apr. 15...	4	.....	
<b>Egypt:</b>				
Cairo.....	Jan. 16-Apr. 22.....	.....	8	
<b>England:</b>				
Liverpool.....	Dec. 3-Mar. 18...	3	1	
London.....	Dec. 17-Apr. 29...	15	1	
South Shields.....	Jan. 21-Jan. 25...	1	.....	
Sunderland.....	Jan. 15-Jan. 21...	2	.....	
Formosa.....	Feb. 10-Mar. 10...	.....	2	
<b>France:</b>				
Paris.....	Dec. 24-Feb. 11.....	.....	3	
<b>Germany:</b>				
Donstedt.....	May 9.....	.....	.....	Smallpox reported.
Hamburg.....	Apr. 8-Apr. 15...	2	.....	
<b>Gibraltar</b> .....	Jan. 30-Feb. 12...	2	1	
<b>Greece:</b>				
Athens.....	Mar. 11-May 6...	173	83	
<b>India:</b>				
Bombay.....	Nov. 22-Apr. 18...	.....	49	
Calcutta.....	Nov. 19-Apr. 8...	.....	13	
Colombo.....	Dec. 24-Dec. 31...	.....	1	
Madras.....	Nov. 26-Apr. 14...	.....	7	
Singapore.....	Dec. 1-Jan. 31...	.....	22	
<b>Italy:</b>				
Milan.....	Jan. 22-Jan. 23...	1	.....	
<b>Japan:</b>				
Awomori Ken.....	Nov. 18-Dec. 31...	126	23	
Chiba Ken.....	Dec. 9-Dec. 31...	1	.....	
Hiogo Ken.....	Nov. 18-Dec. 8...	1	.....	
Iwate Ken.....	Dec. 9-Dec. 31...	1	.....	
Kanagawa Ken.....	Nov. 18-Dec. 8...	1	.....	
Nagano Ken.....	Dec. 9-Dec. 31...	1	.....	
Nagasaki Ken.....	Nov. 18-Dec. 8...	3	.....	
Osaka and Hiogo.....	Mar. 4-Mar. 11...	2	.....	
The Hokkaido.....	Nov. 18-Dec. 8...	8	.....	
Tottori Ken.....	Nov. 18-Dec. 8...	3	.....	
<b>Korea:</b>				
Seoul.....	Jan. 1-Mar. 25.....	.....	.....	Smallpox endemic.
<b>Madagascar:</b>				
Tamatave.....	Jan. 18-Jan. 25...	8	.....	
Tananarivo.....	Nov. 26-Jan. 18...	123	6	
<b>Mexico:</b>				
C. P. Diaz.....	Jan. 10.....	.....	.....	Do.
	Feb. 11-Feb. 25...	10	.....	
Chihuahua.....	Jan. 7-May 13...	.....	16	
City of Mexico.....	Dec. 31-Apr. 23...	.....	83	
Fuente.....	Apr. 11.....	2	.....	
Guerrero.....	Mar. 13.....	2	.....	
Juarez.....	Feb. 18.....	15	.....	
Monterey.....	Dec. 2-Jan. 5...	.....	3	
Nuevo Laredo.....	Jan. 29-May 13...	11	5	
Vera Cruz.....	Jan. 5-Apr. 27...	.....	6	
<b>Nicaragua:</b>				
Bluefields.....	Apr. 18-May 6...	2	0	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

**SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Russia :</b>				
Moscow.....	Dec. 24-Apr. 15...	150	51	
Odessa.....	Jan. 7-Apr. 29...	40	7	
St. Petersburg.....	Jan. 1-Apr. 22...	119	13	
Warsaw.....	Jan. 16-Apr. 15...		27	
<b>Turkey :</b>				
Bagdad.....	Oct. 22-Nov. 27...	96	20	
Constantinople.....	Jan. 2-May 1.....		151	
Rhodes.....	Apr. 17.....	1		
Smyrna.....	Dec. 25-Apr. 15.....		1	
<b>Uruguay :</b>				
Montevideo.....	Mar. 1-Mar. 18.....		1	

*Current quarantine measures.*

[Translated in this Bureau from the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, April 19 and 24, 1899.]

**CRETE.**—The quarantine regulations formulated by the International Health Commission at Constantinople against arrivals from Djiddah have been put in force by the authorities of the island.

**EGYPT.**—The plague regulations declared March 15, against Port Louis are declared out of force.

**NETHERLANDS.**—By order of April 8, the minister of the interior declares as follows :

1. The port of Calcutta is declared infected.

2. The period of observation for infected vessels shall be extended to ten days.

**MADAGASCAR.**—According to advices of March 2, the quarantine at Tamatave is suspended, and vessels leaving that port are now being given clean bills of health.

**STRAITS SETTLEMENT—Singapore.**—The ports of Calcutta and Hongkong were declared infected, February 27, and March 15, respectively. All arrivals from the ports named shall, until further notice, be detained until the expiration of nine days from the date of their departure, or from the appearance of the last case of sickness on board, or until they receive free pratique from the colonial authorities.

**SOUTH AFRICAN REPUBLIC.**—According to advices of March 16, the Government has ordered that, inasmuch as no new plague suspect cases have occurred in the country, and as the cases at Middleburg and Cape Minden have been ascertained not to be plague, the prohibition against entry of Hindoos is removed.

**SANITARY REPORTS FROM THE CENTRAL AMERICAN AND COLOMBIAN FRUIT PORTS.**

As stated in PUBLIC HEALTH REPORTS for March 31, 1899, acting assistant surgeons of the Marine-Hospital Service have been detailed for duty in the office of the consuls in certain Central American and Colombian fruit ports. These officers and their stations are as follows : C. W. Knights, at Belize, British Honduras ; N. K. Vance, at Living-

ston, Guatemala; Act. Asst. Surg. L. R. Wailes, at Puerto Cortez, Honduras; Wm. T. Hamilton, at La Ceiba, Honduras; D. W. Goodman, at Bluefields, Nicaragua; Wm. H. Corson, at Port Limon, Costa Rica, and Act. Asst. Surg. H. B. Mohr, at Bocas del Toro, Colombia.

The following reports have been received from these officers:

#### BRITISH HONDURAS.

*Belize.*—Acting Assistant Surgeon Knight reports, May 11, that the sanitary conditions of Belize are very good; prevailing disease malaria; no infectious or contagious disease in Belize or near surrounding country. The steamer *Manogue* sails this morning for Mobile; the steamer *Breakwater* sails this afternoon for New Orleans. Captains, crews, and passengers all in good health.

#### COLOMBIA.

*Bocas del Toro.*—Acting Assistant Surgeon Mohr reports, May 6, as follows—

I have the honor to submit report for week ended Friday, May 5, 1899.

The following vessels have cleared and sailed from this port during the week: April 30, steamship *Kitty*, Olsen, 17 crew, for Mobile, 1 passenger; steamship *Franklin*, Mussen, 14 crew, for New Orleans, no passengers. May 3, steamship *John Wilson*, Olsen, 17 crew, for Mobile, 4 passengers. May 4, steamship *Phœnix*, Sewall, 17 crew, for New Orleans, no passengers. May 5, steamship *Utstein*, Aarsvold, 15 crew, for Mobile, 1 passenger; steamship *Fulton*, Jacobsen, 14 crew, for New Orleans, 2 passengers.

The health of Bocas del Toro and the surrounding country is very good. Local physicians report very little malarial fever. The weather has been exceptionally warm, and very little rain has fallen during the week.

Two deaths have come to my knowledge, 1 an infant, cause not ascertained; 1 a Chinaman, cause suicide.

I have had occasion during the week to visit several points in the Chiriqui lagoon, where I found the sanitary conditions good. The manner of handling and loading the vessels in the lagoon commended itself to me. The ships come to anchor about one-half mile from the shore, and the lighters with the fruit are brought by steam launches, which are then unloaded by the laborers on the ships. As this work proceeds very rapidly, there is little time for any further communication with the shore. As the master of the ship is not concerned with the loading, he has ample time to keep a vigilant watch over his ship.

I propose to make such trips from time to time until I have visited all loading points in the lagoon.

May 13, as follows: I have the honor to submit report for the week ended Friday, May 12, 1899. The following vessels have cleared and sailed from this port for ports in the United States: May 6, steamship *Colombia*, Berg, 16 crew, for Mobile, no passengers. May 10, steamship *Yumuri*, Boc, 16 crew, for Mobile, 2 passengers. May 11, steamship *Baracoa*, Wolden, 16 crew, for Mobile, no passengers; steamship *España*, Danielsen, 14 crew, for New Orleans, no passengers.

The health of this port and the surrounding country is good. I have seen a few cases of malarial fever, all of the tertian variety. No remit-

tent forms or continued forms of fever have as yet come under my observation. The following deaths have come to my knowledge: Pulmonary tuberculosis, 2; cerebral hemorrhage, 1; chronic nephritis, 1. These figures were obtained from reliable sources, and they include all burials which have taken place during the week. I have visited some of the neighboring islands and find the health of these isolated points remarkably good.

There has been considerable traffic to and from Colon during the week. With Puerto Limon, Costa Rica, there has been little communication.

#### COSTA RICO.

*Port Limon.*—Acting Assistant Surgeon Carson reports, May 8, as follows:

I respectfully report herewith the continued good health of Port Limon, Costa Rica, and also the satisfactory condition of the adjacent country.

One death was officially recorded yesterday, the 7th instant, as resulting from fever, but not classified. I learned on investigation that the death in question was the result of repeated attacks of malarial fever, the deceased, a coolie woman was advanced in years, very feeble and had not received any medical attention. This death has been the only one recorded in the town and department of Limon since the 28th ultimo.

There is no suspicion as to contagious or infectious disease to be connected with the hospitals of Limon at this date.

May 12, as follows: The sanitary condition of Port Limon and also of the adjacent country remains good. There is no suspicion of contagious or infectious disease. Only 1 death has occurred in the town of Limon since report of the 8th instant, a male coolie, found dead by the roadside a short distance outside the town limits; the cause of death, however, was returned as *calentura* (fever), a very common and convenient local term, and one not at all times reliable nor satisfactory.

May 14, as follows: Rigid inspection made this morning of the 2 hospitals located at Limon as to the existence of contagious or infectious diseases was very satisfactory. One death occurred in Limon Charity Hospital, an inmate for some weeks, and whose death has been officially returned as the result of valvular disease of the heart. This is the only death in the town or department of Limon since last report of the 12th instant. The sanitary condition of the town of Limon proper continues very good.

#### HONDURAS.

*Puerto Cortez.*—Acting Assistant Surgeon Wailes reports, May 9, as follows: Since my last report I would respectfully state that I have made a tour of inspection of 4 small towns, of from 100 or 200 to 1,000 inhabitants each, situated on the coast northward, Omoa, Palo Blanco, Ponaiso, Morchilina, and La Masca. These pueblos are all situated on high, salubrious, sandy ground, at the foot of the mountains, and free from swamp or marsh, with the exception of Omoa, the largest. The houses, or dwellings, are almost entirely of bamboo and mameacea leaves, with dirt floors. The inhabitants are of the native mixed races, living most frugally on the native products of the country; fruit chiefly, the banana plantation being their only source of revenue as well as subsistence, using the water from the mountain spring. I visited or

interviewed every individual I could hear of in any way ailing, and found nothing whatever in the nature of contagious or infectious diseases, in fact a most remarkable exemption from disease of any kind. From the interior I have reports of dysentery. This port continues remarkably healthy.

## NICAERAGUA.

*Bluefields.*—Acting Assistant Surgeon Goodman reports, May 10, that the sanitary condition of Bluefields remains satisfactory.

## CUBA.

*Sanitary report from Cienfuegos.*

CIENFUEGOS, CUBA, *May 15, 1899.*

SIR: I have the honor to make the following report for the week ended May 13, 1899. The station now has all of the essential apparatus on hand and in working order, the 2 pumps reported missing having come on the last steamer from New York, as reported in letter to the Bureau. The personnel of the station is also complete, consisting of 1 engineer, 2 attendants, and 1 office messenger. The engineer has charge of the disinfecting pier and apparatus, and has everything ready for use at any moment. All the apparatus has been used or tested. A few minor alterations have been made to facilitate the handling and preserving of the station property, and we are now prepared to disinfect with dispatch all but large steamers. These could be disinfected thoroughly here, but it would require some time. The 2 attendants act as boatmen. They take week on and week off as watchmen, the one on duty being at the wharf from daylight until dark to give prompt notice of approaching vessels, and to have everything in readiness for immediate boarding. The rowboat rented the first of the week is now being used for this purpose. She flies the national flag aft and the yellow flag forward when boarding. By direction of Surgeon Carter, inspection of baggage bound to New York was begun this week on the steamship *Saratoga*. All passengers, except 1 discharged soldier, being first class and the baggage being in good condition no disinfecting was done. Each piece of baggage was labeled with the red inspected label, dated and stamped. The health of the city remains about the same as last week. The rains have not begun, however, and good water is very hard to get. Thirty-eight deaths were registered, against 34 last week, of which 8 were from dysentery and 7 from malaria.

Respectfully, yours,

S. B. GRUBBS,

*Assistant Surgeon, U. S. M. H. S.*

The SUPERVISING SURGEON GENERAL,  
*U. S. Marine-Hospital Service.*

*Sanitary report from Guantanamo.*

SANTIAGO DE CUBA, *May 6, 1899.*

SIR: I have the honor to state that our sanitary inspector, Dr. Nin, reports as follows from Guantanamo: No other sickness has occurred on the British barkentine *St. Paul*. She will sail next week for New York.

On May 3, the United States Army transport *Thomas* took the Fifth

United States Volunteers from Guantanamo. The case of yellow fever occurring on the *St. Paul* was noted on the bill of health.

To-day a suspicious case is reported on the British bark *Douglas*, and the vessel has been placed in quarantine. She is loading sugar for New York.

Respectfully, yours,

M. J. ROSENAU,

*Passed Assistant Surgeon, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Sanitary report from Havana.*

HAVANA, CUBA, *May 18, 1899.*

SIR: I have the honor to submit the following report for the week ended May 18, 1899:

The week shows an increased mortality of 25 over the preceding seven days; there were 28 deaths from all fevers, against 16 for the preceding week. There were no deaths from yellow fever.

The deaths from intestinal diseases remain stationary and will not increase until the rainy season sets in.

But one United States transport entered and cleared, the *McClellan*; this vessel had an acting assistant surgeon of the Army aboard, who called at this office for suggestions as to the care of the vessel. The army supplies were discharged during the day at San José wharf, the vessel going out into the open bay during the night; even then officers of the ship spent a greater portion of the night ashore, against the protest of the medical officer of the ship. The *McClellan* received her bill of health for New York via Santiago.

There are but few soldiers returning to the United States from this port. One company of the signal corps left on Saturday, April 13, by the Plaut Line for Egmont quarantine station, after a thorough disinfection of all company and personal effects.

The disinfection of vessels here is being carried out with every attention to absolute sterilization of the vessel and all that they contain; in fact, it is doubtful if it is possible to add to the work in its smallest detail. In every different process of disinfection we go beyond the prescribed rules of maritime disinfection, and with this carefulness, coupled with the complete apparatus on hand, it is safe to say that disinfection here is as thorough as at any station in the United States, and speaking from a personal knowledge, it is more thorough than it is at the average quarantine station in the Southern States.

The weather is remarkably cool and pleasant for this season of the year. The thermometer has not yet registered 90°.

Mortality for the week ended May 18, 1899, was as follows: Enteric fever, 7; pernicious fever, 2; malarial fever, 19; enteritis, 17; measles, 4; pneumonia, 9; tuberculosis, 22; deaths from all causes, 155.

Very respectfully,

W. F. BRUNNER,

*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Sanitary report from Matanzas.*MATANZAS, CUBA, *May 17, 1899.*

SIR: I have the honor to make the following report of the sanitary condition and the important transactions of the Service at this port for the week ended May 13, 1899:

Although the death rate shows an increase over last week, the sanitary condition of Matanzas continues excellent.

There were 29 deaths from all causes reported during the week, representing a mortality of 38.72 per thousand per annum. The chief causes of death were as follows: Malarial fever, 6; hydræmia, 6; typhoid fever, 1; simple enteritis, 4; tuberculosis, 2.

The majority, if not all, of the deaths reported from hydraemia, I believe to have been due to malarial cachexia, aided by insufficient food.

During the period covered by this report the following cases were reported: Typhoid fever, 3; diphtheria, 1; dysentery, 1.

The work of the street cleaning department is worthy of all praise. The streets are invariably clean and well kept. The regulations regarding the emptying and disinfection of privy vaults are rigidly enforced, and all nuisances prejudicial to the public health promptly removed.

The officers of the Army having this work in charge deserve great credit for the splendid results achieved. Matanzas has many natural conditions for making it a model sanitary city and harbor. With the work being done at present great results may be expected, but the best can not be hoped for until the city is properly sewered, and the marshes along the river banks in the proximity of the city filled in. Matanzas is probably as clean to-day as any of our cities on the southern seaboard.

The work of the station progresses favorably. Baggage leaving Matanzas for points north of the sothern boundary of Maryland (and to remain north) is simply inspected and passed, unless it contains prohibited articles, or has come from Havana or other infected locality.

Twenty certificates of protection from smallpox were issued during the week, 2 of which were also given certificates of immunity to yellow fever. Two persons were vaccinated. Five pieces of baggage were disinfected and passed.

The steamship *Herman* was disinfected, the process being completed on the 14th instant.

Nine vessels were inspected during the week ended May 16, and 5 bills of health issued during the same period.

Very respectfully,

G. M. GUITERAS,  
*Passed Assistant Surgeon, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

*Sanitary report from Santiago de Cuba.*SANTIAGO DE CUBA, *May 6, 1899.*

SIR: I have the honor to report a sudden decline in the death rate of this city during the week ended May 6. There were but 17 deaths in the civil population. This is the first time for many weeks that no deaths from malarial fevers are recorded.

The causes of deaths were: Pneumonia, 3; tuberculosis, 3; enteritis, 2; typhoid, 1; dysentery, 1; diabetes, 1; cerebral congestion, 1;

apoplexy, 1; cerebral hemorrhage, 1; Bright's disease, 1; old age, 2; total, 17.

Two new cases of diphtheria have been treated by physicians in private practice during the week.

During the month of March of this year there were 131 deaths which, with an estimated population of 40,000, represents an annual death rate of 39.3 per 1,000. In April there were 124 deaths, or 37.2 per 1,000. The following figures show the deaths in March and April in the civil population during the past ten years: March—1888, 81; 1889, 74; 1890, 78; 1891, 107; 1892, 59; 1893, 123; 1894, 87; 1895, 86; 1896, 114; 1897, 333; 1898, (?); 1899, 131. April—1888, 75; 1889, 96; 1890, 70; 1891, 88; 1892, 108; 1893, 127; 1894, 69; 1895, 157; 1896, 220; 1897, 302; 1898, (?); 1899, 124.

During the same week, ended May 6, 21 vessels were inspected, 16 of which upon arrival and 5 prior to departure.

Work on the *Rough Rider* is being pushed as rapidly as possible, but we have to contend with many annoying delays and difficulties.

Reports from Guantanamo and Daiquiri are made the subject of separate letters.

Respectfully, yours,

M. J. ROSENAU,

*Passed Assistant Surgeon, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

EGYPT.

*Plague officially reported in Alexandria.*

DEPARTMENT OF STATE,  
*Washington, D. C., May 22, 1899.*

SIR: I have the honor, by direction of the Secretary of State, to inform you that a telegram has just been received from the vice consul general at Cairo, Egypt, which reads as follows, viz: "Two cases plague officially reported Alexandria."

I have the honor to be, sir, your obedient servant.

THOS. W. CRIDLER,

*Third Assistant Secretary.*

The honorable the SECRETARY OF THE TREASURY.

GERMANY.

*Contagious diseases in the consular district of Magdeburg.*

CONSULATE OF THE UNITED STATES,  
*Magdenburg, Germany, May 9, 1899.*

SIR: I have the honor to inform the Treasury Department that small-pox, contagious itch, and ectropium (contagious inflammation) are reported to have broken out among the Polish-Russian field workmen at Roitzsch, Quedlinburg, and Neuwaldensleben, as well as Dönstedt, in this consular district. A number of deaths have occurred. The sanitary boards of the respective places have taken energetic measures to prevent a spreading of the diseases.

I am, sir, very respectfully, yours,

HENRY W. DIEDERICH,

*United States Consul.*

The honorable the SECRETARY OF THE TREASURY.



For sound reasons, I have never followed the reports given in the colonial bill of health, but ever since the breaking out of the plague, I have always qualified the colonial report by my own remarks, so far as the plague appeared to develop itself. Hence, every American bill of health that I have issued during the quarter ended March 31, 1899, commencing with No. 4 of 1899 and dated February 4 of this year, have been qualified regarding the plague.

It will now be seen from the following circumstances that my suspicions regarding the correctness of the reports of the colonial bills of health were well founded.

The last two colonial bills of health issued for America were clean bills and correspond with the American bills of health Nos. 7 and 8, dated, respectively, March 22 and 23, and issued to the 2 British vessels, *Oriel* and *Westbun*. It will be seen from the newspaper clipping No. 2 inclosed, that it is stated that the *Oriel* left for America with a clean bill of health. This statement is perfectly correct as to the colonial bill of health, but entirely untrue regarding the American bill of health, for I could not indorse the opinions held by the colonial health department, although it was suggested that I ought also to give a clean bill. The reason assigned for the action of the colonial health department in issuing a clean bill of health is, that as no case of plague had been discovered since March 1, therefore the plague, through the great vigilance exercised on the part of the health authorities, had been quickly and effectively stamped out in so short a time. Although in India it is known that the disease often disappears for a year, when it again breaks out with greater violence, which at present is the case in Calcutta, where bubonic plague is again raging after a lapse of a year. Therefore, the hurried conclusion arrived at by the health authorities, as to the suppression of the plague here, quickly vanished, for two days only elapsed after their declaration when two new cases of plague were discovered. See newspaper clipping No. 7 inclosed, and I am informed that several other cases have since then appeared.

Such an occurrence is not at all to be wondered at, considering the methods adopted towards an end. From the very incipency of the malady in the colony it appears there has been any amount of blundering, some believing that the health authorities were mistaken when they declared the malady to be bubonic plague. See newspaper clipping No. 3. Lieutenant-Colonel Cretin, who has been one of the persons accused of having made such a statement, has been, I understand, for over fourteen years the doctor attached to the Bengal native infantry, and who is now here with his regiment. Many others here are under the same impression, but do not express their opinions.

When the first steps were taken toward crushing out the plague, when the houses in which the unfortunate victims died were ordered to be burned, and the wretched poor creatures of the affected localities, numbering about 400 people, were ordered to be sent to the segregated ranches outside of town, all of which had a bad effect; it seems the poor creatures were almost scared to death; and when they saw the houses in which their neighbors died, burned, and they themselves hurried together to be sent out of town, 200 of them stampeded and escaped police surveillance, making their way as best they could into the interior of the island, and scattering themselves about the towns, wherever they found a friend to conceal them and give them a shelter. These 200 people are still at large, and if they are the means of spreading a contagious disease by the effect of their contact with others, perhaps

the plague is only beginning to develop itself. By late reports it seems that since the plague, or whatever it is, has made its appearance in Port Louis, it has cost the Government nearly 300,000 rupees, and only a few thousand rupees of this amount have been appropriated in indemnifying the poor people whose little houses have been burned down. Some of them, I am informed, have refused to accept the small amount offered them as compensation for the loss of their little houses and lots.

In the present disarranged condition of the finances of the colony it is muttered that there is somewhere a reckless expenditure of the public moneys. However, it is a very fortunate matter that the coffers of the Government have been considerably increased for the past year, and especially during the last quarter by the amount of export duty paid it on the large shipments of sugar sent to the United States. Besides the immense sum paid for the actual commodity, the amount disbursed in brokerage and commission has been immense. For the quarter ended March 31, 1899, there has been shipped to the States sugar amounting in value to \$1,690,013.56, all except one small cargo shipped in British vessels, freight paid in the States. In my dispatch No. 63 of February 14, 1899, I remarked that the health authorities were about to establish a lazaretto near the consulate. Since then they have done so, but it is not exactly a lazaretto. The house in question was formerly a protestant orphanage and now has been appropriated for the reception of the well people removed from the affected districts. This is not all, for the Mohammedan community of Port Louis, which is by far the wealthiest and most numerous body in town, have lately purchased a large mission right opposite the consulate, which formerly belonged to a wealthy Frenchman, and have turned it into a hospital for their own people who may contract the pest, as they do not wish the colonial health authorities to meddle with them. The few neighbors who lived here have all left for the country towns to avoid the great heat of the season and if possible to escape the plague, so that I am absolutely the only one classed among certain people remaining in town.

I have the honor to be, sir, your obedient servant,

JOHN C. CAMPBELL,

*United States Consul.*

The honorable the ASSISTANT SECRETARY OF STATE.

#### TURKEY.

##### *Epizootic bulletin.*

[Translated in this Bureau from copy officially forwarded.]

SALONICA.—April 30, 1899. Sheep pox has appeared at Gramatina, a village in the district of Avrat-Hissar,

CONSTANTINOPLE.—One death from glanders has been reported from a stable at Sarakiz, the third municipal district. The remaining horses have been isolated. No other cases of epizootic disease exist in the capital, except those previously reported in first, second, fifth, and sixth municipal districts, and the tramway stables.

CONSTANTINOPLE, *May 21, 1899.*

## FOREIGN STATISTICAL REPORTS.

**AFRICA**—*Lorenzo Marques*.—Month of February, 1899. Estimated population, 5,009. Total number of deaths, 34.

Month of March, 1899. Total number of deaths, 60, including 3 from phthisis pulmonalis.

**ARABIA**—*Aden*.—Week ended April 29, 1899. Estimated population, 41,346. Total number of deaths not reported. An epidemic of climatic fever prevails, attacking many Europeans. The mortality is slight.

**BAHAMAS**—*Governors Harbor*.—Week ended May 13, 1899. Estimated population, 1,500. No deaths and no contagious diseases.

*Green Turtle Cay—Abaco*.—Two weeks ended May 14, 1899. Estimated population, 3,900. No deaths and no contagious diseases.

*Nassau*.—Two weeks ended May 13, 1899. Estimated population, 11,000. Number of deaths not reported. No contagious diseases reported.

**FRANCE**—*Nice*.—Month of April, 1899. Estimated population, 108,227. Total number of deaths, 215, including diphtheria, 1; measles, 7; smallpox, 1; whooping cough, 1, and 21 from phthisis pulmonalis.

*Roubaix*.—Month of April, 1899. Estimated population, 126,332. Total number of deaths, 220, including enteric fever, 1, and 4 from whooping cough.

**GERMANY**—*Dresden*.—Year ended December 31, 1898. Estimated population, 388,300. Total number of deaths, 7,054, including diphtheria, 85; enteric fever, 16; la grippe, 32; measles, 99; scarlet fever, 23, and 909 from phthisis pulmonalis.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended April 29, 1899, correspond to an annual rate of 17.7 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Wolverhampton, viz, 27.6, and the lowest in Gateshead, viz, 11.3.

*London*.—One thousand four hundred and seventy-eight deaths were registered during the week, including measles, 45; scarlet fever, 6; diphtheria, 26; whooping cough, 54; enteric fever, 4, and diarrhea and dysentery, 10. The deaths from all causes correspond to an annual rate of 16.9 a thousand. In Greater London 1,987 deaths were registered, corresponding to an annual rate of 15.9 a thousand of the population. In the "outer ring" the deaths included 8 from diphtheria, 19 from measles, and 25 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended April 29, 1899, in the 23 principal town districts of Ireland was 26.3 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Tralee, viz, 0.0, and the highest in Sligo, viz, 60.9 a thousand. In Dublin and

suburbs, 199 deaths were registered, including diphtheria, 1; enteric fever, 3; influenza, 10, and whooping cough, 8.

*Scotland.*—The deaths registered in 8 principal towns during the week ended April 29, 1899, correspond to an annual rate of 21.1 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Edinburgh, viz, 17.0, and the highest in Perth, viz, 28.8 a thousand. The aggregate number of deaths registered from all causes was 644, including diphtheria, 3; measles, 30; scarlet fever, 5, and whooping cough, 22.

**GREAT BRITAIN**—*England and Wales.*—The deaths registered in 33 great towns in England and Wales during the week ended May 6, 1899, correspond to an annual rate of 16.5 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Plymouth, viz, 22.3, and the lowest in Derby, viz, 9.8.

*London.*—One thousand three hundred and ninety-seven deaths were registered during the week, including measles, 36; scarlet fever, 10; diphtheria, 21; whooping cough, 47; enteric fever, 7, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 16.0 a thousand. In Greater London, 1,836 deaths were registered, corresponding to an annual rate of 14.7 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 11 from measles, 3 from scarlet fever, and 15 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 6, 1899, in the 23 principal town districts of Ireland was 23.1 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Newry, viz, 8.1, and the highest in Kilkenny, viz, 42.5 a thousand. In Dublin and suburbs 166 deaths were registered, including diphtheria, 1; enteric fever, 2; influenza, 8, and whooping cough, 4.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 6, 1899, correspond to an annual rate of 18.5 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Leith, viz, 12.5, and the highest in Glasgow, viz, 20.1 a thousand. The aggregate number of deaths registered from all causes was 564, including diphtheria, 5; measles, 16; scarlet fever, 3, and whooping cough, 19.

**GUATEMALA**—*Puerto Barrios.*—Two weeks ended May 10, 1899. Population not reported. Total number of deaths, 1. No contagious diseases.

**GUIANA**—*Parimaribo.*—Month of March, 1899. Estimated population, 30,567. Total number of deaths, 87. No deaths from contagious diseases reported.

**ITALY**—*Milan.*—Month of April, 1899. Estimated population, 481,297. Total number of deaths not reported. Diphtheria, enteric fever, measles, and scarlet fever reported present, but no deaths from contagious disease reported.

JAVA—*Batavia*.—Two weeks ended April 8, 1899. Estimated population, 150,000. Number of deaths not reported. No contagious diseases reported.

ST. HELENA.—Four weeks ended April 8, 1899. Estimated population, 4,000. Total number of deaths, 8. No contagious diseases.

STRAITS SETTLEMENTS—*Singapore*.—Month of February, 1899. Estimated population, 97,111. Total number of deaths, 563, including beriberi, 82; smallpox, 16, and 88 from phthisis pulmonalis.

Month of March, 1899. Total number of deaths, 635, including beriberi, 89; smallpox, 18, and 112 from phthisis pulmonalis.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Alexandretta.....	Apr. 22.....	6,000	2										
Do.....	Apr. 29.....	6,000	4										
Amherstburg.....	May 13.....	2,300	0										
Amsterdam.....	May 6.....	515,669	129										1
Antwerp.....	Apr. 29.....	287,462	79			3		1	4	1	1		
Asuncion.....	Mar. 20.....	50,000	16										
Athens.....	May 6.....	200,000	0			8							
Barmen.....	Apr. 29.....	137,000	31										
Barranquilla.....	Apr. 22.....	40,000	12										
Beirut.....	do.....	80,000	19					4		1			
Belfast.....	May 6.....	350,000	162					3	1		3	2	
Belize.....	May 11.....	13,000	7										
Berlin.....	Apr. 22.....	1,747,903	607					1	15	11	9		
Birmingham.....	May 6.....	510,343	163						2	3	1	5	
Bluefields.....	do.....	3,018	2										
Bradford.....	do.....	231,260	82						3			5	
Bremen.....	Apr. 29.....	144,500	40								1		
Breslau.....	do.....	300,000	210						3	2			
Bristol.....	May 6.....	320,911	102					1		1		4	
Brussels.....	Apr. 29.....	551,611	175					1		1	2	3	
Budapest.....	Apr. 30.....	640,000					2		5	4	11		
Cairo.....	Apr. 8.....	760,062	401			1	8	3		1			
Do.....	Apr. 15.....	760,062	372			2	10	4					
Do.....	Apr. 22.....	760,062	396			1	5	4		1	3		
Cardiff.....	May 6.....	130,288											3
Cartagena.....	Apr. 21.....	25,000	11										
Do.....	Apr. 29.....	25,000	10										
Catania.....	May 4.....	124,000	72					4					
Chaudiere Junction.....	May 13.....	500	0										
Chemnitz.....	Apr. 29.....	172,840	81							1	1		
Chihuahua.....	May 13.....	24,000	31			3							1
Christiania.....	May 6.....	207,000	65										1
Coburg.....	Apr. 29.....	19,507	10										
Cognac.....	do.....	20,400	12										1
Do.....	May 6.....	20,400	14										1
Cologne.....	Apr. 29.....	357,497	123						2		3		
Colombo.....	Apr. 8.....	130,000	73										
Do.....	Apr. 15.....	130,000	72					1			1		
Constantinople.....	May 1.....	750,000	241			3		7			7		
Copenhagen.....	Apr. 29.....	351,000	127					2	2		1	4	
Crefeld.....	do.....	110,000	29							1			
Curacao.....	do.....	29,098	8										
Do.....	May 6.....	29,098	7										
Dublin.....	Apr. 29.....	350,000	199					3		1		8	
Do.....	May 6.....	350,000	166					2		2		4	
Dresden.....	Apr. 8.....	392,300	140					1		2		1	
Do.....	Apr. 15.....	392,300	149							1			
Dundee.....	May 6.....	166,072	58			1		1	1	1	1	1	
Edinburgh.....	do.....	298,927	105								1	8	
Flushing.....	do.....	18,371	8										
Frankfort-on-the-Main.....	Apr. 29.....	253,000	61							2		1	
Funchal.....	Apr. 30.....	36,982	18										
Do.....	May 7.....	36,982	21										
Geneva.....	Apr. 20.....	95,348	35							2			
Ghent.....	May 6.....	162,652	65					1		1			
Girgenti.....	Apr. 29.....	24,428	10										
Glasgow.....	May 6.....	724,349	284					1	2	2	14	5	
Gothenburg.....	Apr. 29.....	122,205	39							1			
Guatemala City.....	May 1.....	65,000	39										
Halifax.....	May 13.....	45,000	11										
Hamilton.....	Mar. 9.....	16,000	0										
Do.....	Mar. 16.....	16,000	2										
Do.....	Mar. 23.....	16,000	2										
Havre.....	Apr. 29.....	119,470	60										3
Hongkong.....	Apr. 15.....	248,710	a 84					1					
Do.....	Apr. 22.....	248,710	b 116			2							
Kingston, Canada.....	May 19.....	18,800	4										
La Cebal.....	May 8.....	3,500	2										

a Plague, 12.

b Plague, 31.



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Trapani.....	Apr. 29....	45,095	19										
Trieste.....	do.....	158,314	74						5	3			
Utilla, Honduras.....	May 6....	550	0										
Vera Cruz.....	May 11....	30,000	69		22								
Vienna.....	Apr. 29....	1,623,134	716					1	14	15	27		8
Windsor.....	May 13....	3,000	0										
Zurich.....	Apr. 29....	161,484	52								1		1

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.